From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: ka7you@juno.com
Subject: [18345] 135 feet between trees/antenna?
Message-ID: <19970426.223237.2431.0.KA7YOU@juno.com>

I was doing some surveying today, and discovered that I have two substantial trees which are on a north south line, and almost centered above my shack. I now have a line at 80 feet in one and can go higher if needed, and the other should be at least 60 feet when I get a chance to put it up. I have to wait for the neighbor to leave before getting the 8 foot slingshot out on that side of the house.

The question: What do I put up there? I currently have a 135 foot dipole fed with 450 ohm ladder line at 60 feet, and it is oriented NE to SW, and it favors the S an SE area of the country.

Due to the tree limbs, the useable length may be only about 125 feet. Would an 80M Bi-Square work very well if I shortened up the horizontal length from 135 feet to 125 feet, and added the extra to the vertical length? Do the vertical wires have to be real close to vertical? I could also pull the middle of the horizontal wire up and sideways a little (toward the top of my tower), Would this be better than shortening the horizontal length some? Will the vertical wires being very close (5 feet) to the tree trunk be a big problem? What would an 80M Bi-Square act like on the 2nd harmonic (40M).

I was originally thinking of putting up the Bi-Square for 40M, but discovered that I was so close to the space needed for an 80M version that I thought I should ask the pro's.

One other consideration is the placement of the house. The centerline of the house is on the same N-S line as the two trees, but it is almost thirty feet high also and on a small knoll between them, so any wires run at a lower level (such as the lower wire of a loop) must be above that height. A wire ten feet above the ground at either end would run through the kitchen, dinning, and family rooms :>).

I'm just looking for suggestions. I'm willing to experiment.

7 3,

Rod Johnson KA7YOU from CN97AK near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings) NWQRP#120 ARCI#7251
QRP-L#844
Ask me about producing Three-Wheeled Golf Carts by the hundred--as a hobby??

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Bob Edwards, W4ED" <rbe@atlanta.com>
Subject: [18382] 2 mtr Ant & QTTF
Message-ID: <3363CD4F.5FC7@atlanta.com>

Hey all,

Radar WX pix on TV looked bad for the QTTF destination, so I stayed at the shack, worked a few FD ops (18), but mostly worked on a 2 mtr antler that has been in the back of my mind. One of those ideas that just wouldn't go away. If it works, it will make a nice FD ant, and cheap. One of my goals is to fold the elements back against the boom then put it back in the box, when not in use. Another goal, is to cover MARS and all of 2 mtr band, 143..149 mhz.

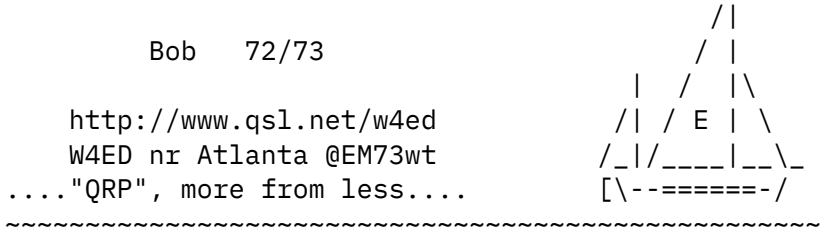
Before I cut metal & maybe ruin it, has anyone modified, or read an article on modifing the RS FM ant that sells for $19.99 (15-2163) ?? It is a six element beam, with 3 LPDA and 3 parasitic elements on a 70 inch boom.

My mods include moving the first director out, replacing the lpda feed lines with 150 ohm lines, and shortening all the elements. I tried to keep the lpda feedlines but 150 ohms worked best within the cases I tried.

NEC2 modeling shows an approx gain of 10 dbi, a F/B ratio from 22 to 16 dB, and SWR of 1.5, 1.2, 1.1, 1.2 from 143 mhz to 149 mhz (in free space).

A program to optimize this arrangement may exist. If so, it should produce the answer for potential performance. Also, I've read that Yagis, LPDAs, Quads, each have a gain vs boom length curve for optimum gain. Not sure how this case relates to those curves and the 70" boom. If anyone wants the dimensions of the stock, or final 2mtr mod RS ant, let me know direct.

(Usual disclaimers on RS, etc)



Bob   72/73

http://www.qsl.net/w4ed
W4ED nr Atlanta @EM73wt
...."QRP", more from less....
~~~~~~

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: d.nordquest@juno.com
Subject: [18400] 38E Sold
~~~~~~

Message-ID: <19970427.145819.4247.4.d.nordquest@juno.com>

I've got one order and a backup. Sorry to anyone else interested.
                  73, Dave

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>
Subject: [18309] AL7FS - 2300Z
Message-ID: <33628C3D.393B@alaska.net>

There are only two stations on 40 mtr CW just now. One QRO station down
low and K7SY/QRP. That's it!

KV9X would not talk to me (I felt an urge to raise power....but
contained myself). Good signal at least by today's standards. The 339
reports I was giving were very generous. Bad QSB, felt like I was on
EME again.

Thanks, all. 73.
--
Jim Larsen
Acupressure Anchorage
AL7FS   ex-WA0LPK / KL7
Anchorage, Alaska

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>
Subject: [18310] AL7FS - mini-results
Message-ID: <33628CA6.66D@alaska.net>

I am kinda giving up at 15 QSOs. Worked 7 states...WA, CA, ID, AZ, OR,
OK, and HI. That's it.

73,
--
Jim Larsen
Acupressure Anchorage
AL7FS   ex-WA0LPK / KL7
Anchorage, Alaska

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: k5id@inetp.net (Kenton E Graham)

Subject: [18353] AUTEK QF-1A Documentation
Message-ID: <199704271351.IAA20420@inetp.inetp.com>

HI qrp'ers.

If anyone out there has documentation for the QF-1A by autek, I would be very grateful if you would be willing to copy and send to me. I of course would compensate for expense and trouble. Thanks...

Regards and 72,

Ken Graham, K5ID
71 Mandarina Dr
Hot Springs, AR 71909

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: astone@erols.com
Subject: [18333] Bandwidth of RS O-Scope
Message-ID: <3362FEC0.3D4D@erols.com>

Hi -- Could any user of this device tell me what the effective bandwidth really is? Some of the literature indicates 5 MHz, other 20 MHz. Would also appreciate any advice regarding using this as one's basic scope. Thanks.

72,

Ron (KA3J)

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: cleveland@usa.net (Grover Cleveland)
Subject: [18355] Could someone take my rig to Dayton?
Message-ID: <v02130503af89281ef7d1@[199.107.165.168]>

I'd like to put my rig in the building contest at Dayton but due to business travel I can't get there myself.

Would someone be willing to take it there, put it in the contest, and then return it? Naturally I'll provide the shipping box and shipping costs.

Sure would appreciate it.

Cheers,

Grover

Grover's Tiny Little Signature File for Those With Emaciated Mail Readers
K7TP (ex WT6P), archaeominiferroequinologist, nerd.

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [18378] CQC Swap List
Message-ID: <199704271825.MAA11389@lynx.csn.net>

The CQC Swap List has been updated on the Web site (btw I've had 1000
hits in less than a month, but don't propose to make a big deal out
of anymore [g]).

To get to the swap list, surf to http://www.mtechnologies.com/mthome,
then look for the CQC link at the bottom of the page and you'll see
the swap list link at the top of the CQC page.

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
http://www.mtechnologies.com/mthome
http://www.mtechnologies.com/mthome

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [18389] CW Nets
Message-ID: <19970427.125845.7727.0.kb0rol@juno.com>

I was getting ready for bed last night (Saturday Local) and listening to
my Explorer II on 40M Novice.   I heard some smooth clear CW and started
to copy.   It was for a CW net that meets on Monday, Wednesday and
Saturday nights at 2100 California time.

Does anyone know what this net is?   It was nice being able to copy LONG
sessions of code and hear others respond at a slow speed (I could copy
almost 100% so I guess it was a little slow for me).   Does anyone know
of other Slow (fast novice slow General) nets and their schedules?   I

would really like 40M novice nets because I have this radio in my bedroom so I can listen when getting ready for bed.

Thanks

de KB0ROL, Brad

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bruce Rattray <RATTRAY@siast.sk.ca>
Subject: [18354] dayton room
Message-ID: <1400380827041997/A32629/RIEL/11B4DA232400*@MHS>

I'm FORWARDIUNGFrom: qrziota (qrziota@netusa1.net@SASKNET@RIEL)
From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: JAlexan706@aol.com
Subject: [18332] DX on 30m
Message-ID: <970427002346_-1468474192@emout20.mail.aol.com>

Hello gang,

     I worked 3B8CF on 10.104.50 at 0350Z. I love 30m it is great. I hope to get a QSL card from him. Happy DXing.
73
KB0PTE
Wayne
QRP-L # 1058

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: fmathews@norfolk.infi.net (Frank Matthews)
Subject: [18399] First CW Kit, First CW Contact, First Try!
Message-ID: <v01530500af892d592c28@[208.131.170.71]>

Fellow QRPers,

        Life brings many highpoints....first date, first car, first child and etc. Well, I've just experienced my first CW contact, on my first homebuilt kit, on my first try! What a rush! At 3:10pm EDST today I sent a call for CQ. After the first try my call sign came screaming back from WR4T in Cinncinatti, Ohio with an RST of 569 on 7.129 MHz.
        Although I would have been excited with a return call from across the street...this was really a suprise (I'm in the southeast corner of Virginia). Ted (WR4T) was very patient as I told him this was my first ever CW contact...not to mention it was on a brand new qrp rig (OHR100 40 Meter).

The bug has bitten and I don't think the pharmacy carries anything to stop the itch. It looks like I'm here to stay. CW QRP FOREVER!

Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
Chesapeake, VA 23320
fmathews@norfolk.infi.net
KC4FKX QRP-L #1079

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: d.nordquest@juno.com
Subject: [18397] FS: 38E
Message-ID: <19970427.142651.4247.0.d.nordquest@juno.com>

Not a 38S, but a 38E Receiver by Hallicrafters. An AC/DC receiver with BCB and 3 SW bands. Looks pretty good and picks up pretty well, but needs hum let out. Extras for some tubes included. $22.00 plus shipping.

Dave KE9ED

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [18326] FS: TS830s station REDUCED, SGC tuner
Message-ID: <3362C8D3.765C@rakefet.com>

My XYL has informed me that I am absolutely NOT allowed to own two 'big' radios at the same time, so before I post this on USENET, here's what I have for sale:

Kenwood TS-830s transceiver with two optional CW filters (of course), and Shure 444 desk mike: $500

Kenwood VFO-230 external digital VFO for the above: $150

SGC-230 150-watt autotuner for mobile, marine and fixed station use: $350 (sells for about $450 new).

All equipment is in excellent electrical and cosmetic shape. There's a

slight scratch on the side of the VFO case; otherwise mint. The 830
will easily put out from a couple of watts to 130 watts on all bands
(including WARC bands). This was Kenwood's last and best rig with tube
finals. If it doesn't go at this price, I'm keeping it.

You pay shipping.

Vic K2VCO (Fresno CA)
209-226-4978
rakefet@rakefet.com

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Al Hunter" <ahunter@inland.net>
Subject: [18314] Fw: W6EMT NW40
Message-ID: <199704262356.QAA10569@ns1.inland.net>

This is a multi-part message in MIME format.

------=_NextPart_000_01BC5262.FB84FA80
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

After 47 years of ham radio I have finally seen the light but since =
money is
important to me, I don't want to make a mistake in buying the wrong
equipment. Since I have little QRP exposure, I need some
advice/info/opinions/suggestions.

I am looking at the W6EMT NW40. With the audio filter, it looks like a =
very
good buy. Bob Gregson, the designer, suggested I post this message on =
QRP-L
asking for comments, pro and con, on his transceiver kit. I am also =
looking
at his ZM-1 Z Match.

What kind of keyers are being used with this transceiver?

Any help you can give me will be appreciated. And thanks for assisting =
me in
the transition.
----------=

Hi Karl......I'm using the NW30........love it very much. It is =
relatively simple to put together. You build it in stages, and there is =

a built-in meter circuit to help you as you go along. (You supply the =
meter, anything from 200uA to 1mA will work fine). It would be nice to =
have a frequency meter and another ham receiver to help in the tune-up =
and final tweaking, but I got by with a DVM and an old grid dip meter. =
The toroid coils are not too difficult, but these tired old eyes needed =
the help of magnifying lens. If you want to economize, you can pass up =
the cabinet accesory kit....but don't go without the AF-1 audio filter. =
This little gizmo really pulls sigs out of the mud, and provides some =
excellent selectivity when needed. And while you are building the little =
rig, you'll find that Roy is readily available to help you through any =
possible pitfalls. I've been using mine with a St. Louis tuner (antenna =
tuner) and a resonant dipole just laying in the rain gutter. Have had =
contacts to Ohio, Pa, all over the west coast , Texas, etc. Have heard =
DX such as R1ANF in Antarctica among others. I'm sure there are many =
good little xcvrs out there, but I'm more than pleased with my NW30. I =
have no connection with Roy, never met him (although I would like to), =
just a very satisfied customer. Hope this helps and feel free to ask if =
you need more info. BTW, I have been using a bug and a straight key.
72/73.......Al AA6SO

------=_NextPart_000_01BC5262.FB84FA80
Content-Type: text/html;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

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http-equiv=3DContent-Type>
<META content=3D'"Trident 4.71.0544.0"' name=3DGENERATOR>

</HEAD>
<BODY><FONT face=3DArial size=3D2>
<P><FONT face=3DArial size=3D2><FONT size=3D2>After 47 years of ham =
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</FONT></FONT></P>
</FONT>
</BODY></HTML>

------=_NextPart_000_01BC5262.FB84FA80--

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: N3BJ@aol.com
Subject: [18369] Fwd: FS: Intech HF "brick" ***REDUCED***
Message-ID: <970427131457_436244671@emout13.mail.aol.com>

Reduced !!!! $65.00 shipped....

Alan, N3BJ

Forwarded message:
From: N3BJ@aol.com
Sender: owner-qrp-l@Lehigh.EDU
Reply-to: N3BJ@aol.com
To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)
From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [18379] HAND-MADE LADDER LINE
Message-ID: <19970427182916.AAA22454@LOCALNAME>

At 03:46 PM 4/27/97 +0000, you wrote:
     TO PRESERVE SHAPE UNDER STRESS. USE SLOTTED WOOD SPACERS FOR
FIXTURING.I get the idea...but I need more details...step by step (whats the
weedwacker line for?...u mean the WWline is
>the spacer?) How do u attach the insulated wire to the WWline ....maybe a
drawing would help? and what size
>spacing is good or does it make any difference?   Tks Steve/N0TU
>VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV

I'm not good at sketches on e-mail, so...

Yes, the weed-wacker line (.090' or so) is the spacer material. I use a hot-
melt gun to attach pre-cut 2.5" pieces every 16 - 18" or so. I stretch about
20' of the #16 between spacer blocks, anchor with sand bags to make tensioning
easy, then use small wood pcs notched @ 2.5" to hold the wire in place and mark
the spreader locations. Then hot melt side #1, let it cool, turn the line over

and do the other side. The hot-melt isn't reliable on one side only. In fact, I've begun to re-heat each glue site with a Wagner hot-air gun to ensure good bonding. It also melts off the little threads of glue that cling all over. For mecanically robust end spacers, I just pass the wire thru 3.5" X 1.0" pieces of 1/4" lucite (cut and drilled w/table saw and drill), then wire & glue in place. I made ~150' yesterday afternoon for the new Sterba array.

I'll be sending an article into QRP journals and maybe QST... but just no time right now to finish it. Good Luck! =s=

"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [18373] hats, callsigns...
Message-ID: <8D6B272.0004002852.uuout@cheaha.com>

-> Marty, if you can get something like this at a reasonable price, I'm
-> sure there would be a bunch of us that would go for it. Would the
-> inclusion of the call on the back increase the price for setup?
-> Usually, the setup applies to a run, but with individual call signs
-> the cost per hat might be excessive. Why not feel them out and see
-> what could be done. I know I'd be interested.

A thought is to get in touch with a local "imprint" shop and ask'em how much it'd cost to get your call put on the back of a club hat that you got. They know they don't have the "club" caps, but at least they'd get a couple of bucks for the embrodery. I wouldn't mention a "group purchase" to them or anything, just let'em think you want to personalize a cap you've already got. :) Just a thought.

72/73
Ed Welch KF4KRV
NorCal Member #???
1st Grand Poobah ScQRPion of Alabama
QRP-L #873 - FISTS #2964
Luverne, Alabama
Crenshaw County - Grid EM61
          +--+
----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
          +--+

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Richie Carey <ka1bph@sunspot.tiac.net>
Subject: [18395] HW-8 For Sale
Message-ID: <Pine.SUN.3.95.970427163708.17001A-100000@sunspot.tiac.net>

Hi all!!

I have a 1983 HW-8 in new condition for sale. I bought this radio unfinished and had RTO Electronics finish her up. Its basically never been out of the box, and has never been operated, only bench tested. It is still at the shop, awaiting shipment to its new family!
I'm accepting offers and would love to see it go to someone who will enjoy it...

TNX

Richie
KA1BPH

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: JOppen6115@aol.com
Subject: [18334] HW-9 Manual Needed - Mod Info?
Message-ID: <970427003553_609783356@emout18.mail.aol.com>

Hi gang,
I am looking for a manual for my Heathkit HW-9. I would pay dearly for an original manual or reimburse expenses for a photocopy.

My HW-9 came without a manual and I need to re-align it. The dial does not show the actual frequency and the TX power has a pronounced peak far above the traditional CW frequencies! I would also appreciate any advice anyone may have about these conditions.

Also, I've read that there are several mods to improve the stability, including the one in Comm Quarterly about modifying the VFO shield. Has anyone tried this or other HW-9 mods? If so, how did they work out?

Please reply via direct e-mail (joppen6115@aol.com) as I often don't get time to wade through the entire digest. Feel free to copy the list, if you feel it warrants the bandwidth.

Thanks for your help,
John, KJ6HZ

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: emaaro@pacbell.net
Subject: [18403] International Radio now in Oregon
Message-ID: <3363B939.4B8F@pacbell.net>

>From the ARRL Letter, Vol. 16, No. 17:

International Radio and Computer Inc/Fox-Tango (IRCI) has been sold to
George Cutsogeorge, W2VJN now located in Oregon and is doing business as:
International Radio.
PST/PDT Phone: 541-459-5623,   FAX: 541-459-5632
http://www.qth.com/inrad
inrad@rosenet.net

emaaro

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bernie Doehner <bad@uhf.wireless.net>
Subject: [18388] J Pole modifications.
Message-ID: <Pine.BSF.3.95.970427155537.20755G-100000@uhf.wdc.net>

Hi Gang:

I am working on a way to get two bands out of a 30 Meter J Pole (or at
least trying to).

It has occured to me that 2 Meter 5/8 wave mag mounts are often used on 6
Meters as a 1/4 wave. Apparently, the series loading coil has a frequency
lowering effect on the third harmonic.

What I wonder is:

#1:

In the conventional J Pole antenna for 10.125 Mhz., one has

|
|
|<- radiator (46' 10 3/4")

|
||
||<- top of matching section
||

If the matching section is constructed out of coax.

Now, if I connect a 16' 6" wire to the "normaly open" side of the matching section. How badly will that affect/change the impedance of the antenna at 30 MHz.? (I assume a lot, but I am not entirely convinced).

#2:

If I inserted a series loading coil of appropriate size (and reduced the radiator accordingly), could I then operate the antenna as a Jpole on 10 MHz. and a dipole at 14 MHz., with one side being an electrical 1/4 wave and the other an electrical 3/4 wave decrease in third haromonic resonant frequency (similar to the 2/6 Meter 5/8 wave/1/4 wave whip?).

Given:

The feed system does not use a shorted stub, instead it uses a 1/4 wave length of RG-8X (which should transform the high input Z of the 1/2 wave at 10 MHz. to close to 50 Ohmz).

THanks for help/thoughts.

73

Bernie nu1s

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [18370] MMA SLV Coil Minor mod.
Message-ID: <33638B24.7E6A@concentric.net>

Hi all,

Been messing about with the MMA coil for the SLV a bit. Just a word of caution. On my coil, the BNC chassis connector that was used for the coax attatchment was just a bit shy in length. When using a BNC to 259 adapter, enough twist can develop to cause the mounting nut to work loose. On the inside of mine, there were only about 3 threads holding the BMC connector and nut together. It does not take a lot of force at

all to cause the threads to strip. I noticed this as when putting the adapter on, the BNC connector twisted and caused the BNC chassis mount ot partially fail and caused the SWR to get sparadic as now this was not a solid connection. Very simple remedy. The Radio Shack BNC chassis connector is about 1/4 inch longer and has plenty of thread "meat" on the inside. Even allows for enough length to add a star washer underneath for good bite on the grounding lug! Just thought I would pass this along. I do not see this as a problem with the MMA coil, just another opportunity to add a "field upgrade".
If you are having problems with sparadic SWR's, like when the wind is blowing, give the BNC connector an eyeball and then off to Radio Shack!

Best
Jess N0TFI

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [18383] My latest bit of homebrew
Message-ID: <862167577.1126913.0@gqrpclub.demon.co.uk>

Searching for something else to build recently, I started to ponder, why so many add-ons there are, apart from the rig. You know, PSU, ATU, SWR etc. So I decided to have a bit of a build and combine all three in one box. Then I though, what DC and RF in the same box? Might not live happily hand in hand, like RF into the mains, maybe 50c/s into the rig (doubtful) etc. Anyway I have now done it and am pleased to say it works fine. All in one nice box (bigger than the QRP Plus mind!). I built, or rather rebuilt, my Stockton bi-directional wattmeter, band switched T-match and knocked up a power supply. All from bits from other projects, so it makes things a bit tidier. The Stockton is switched for 5 or 20 watts (not that I use that power!) and as I have said a few days ago, is a fine bit of gear. I tend not to spray ali boxes, but cover them with black Fablon self adhesive covering, which takes lettering well.
That's my latest bit of work, now let's hear of yours!

Frank G3YCC
QRP Web Site: http://www.gqrpclub.demon.co.uk

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bill Todd <bill@techline.com>
Subject: [18331] NOT QRP-Kenwood rigs Info....not!
Message-ID: <1.5.4.32.19970427041645.006ab5e8@mail.techline.com>

Hi gang -

I just picked up a Kenwood TR-7800 2 meter rig from an Estate sale for
a wish and a song (no manual provided). I thought I got a great deal until
I tried it, and discovered that it only seems to work from 144 to 145.99 (hi).
Oh well.

So then , I thought I would check out the Kenwood Web Page to see if I could
get some information there. NO LUCK. The only thing Kenwood wants to talk
about is their NEW radios. There was no information available on their Web
Page
on any older gear that Kenwood has sold over the past 25 years or so.

Just thought I would share this incredible fact with the list.

The result of this information? Don't buy a commercial rig from anyone who does
not support their older gear.

CUL, Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: cleveland@usa.net (Grover Cleveland)
Subject: [18361] OHR II @ 5 watts? Possible?
Message-ID: <v02130508af893b567bd0@[199.107.166.139]>

Has anyone increased the output power of the OHR II series to five watts?
I'd like the extra power if possible. Even more so with a variable power
feature.

tnx

Grover
K7TP

- - -
P. Grover Cleveland K7TP (ex WT6P, KC7IW, WA6WJV)
QRPARCI 3795 / ARS 101 / Norcal 216 / QRP-L #669/ Alaska QRP #60
Archaeominiferroequinologist / Fairmont Speeder Pilot
Certified Steam Locomotive Fireman / Certifiably Loony
Can also be found at: cleveland@usa.net or 71213.2741@compuserve.com
http://ourworld.compuserve.com/homepages/gcleveland

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>
Subject: [18356] Postscript files?
Message-ID: <Pine.OSF.3.94.970427101958.32281B-100000@fly.HiWAAY.net>

Hey Gang,
I recently got a postscript reader program as shareware. I have a the pixie II postscript file and the WAS file from the ARRL. Can someone point me out to some postscript files that have to do with QRP, homebrewing and amateur radio. Also .bmp files will be fine. Thanks,
Best 72/73 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Dick Schneider <rschneid@ix.netcom.com>
Subject: [18364] QRO to the Field Report
Message-ID: <336378CF.B36@ix.netcom.com>

Did have fun with QRP to the Field although my original plans for a back-packing venture were altered for a variety of reasons. I wound up in the upper Geneva Basin at about 10,000 feet in the snow-covered parking lot for my favorite trailhead into the Mount Evans Wilderness in Colorado. WX was typical springtime in the Rockies. Within a 3 hour period, went from sunny and warm to foggy sleet to sunny and warm.

Only operated a few hours, from about 1:30p to 2:30p and 4:30p to 7:00p MDT with a snowy hike in between. Both times used a new travel antenna - 2 wires and a tuner - taken out of a RSGB wire antenna book. The long leg of the antenna - the random wire - ran from the luggage rack on the Volvo to a wooden fence   all of about five feet off the ground. The other leg - the counterpoise - just flopped out into the wet snow.

During the first session, I ran my HW9 at 1 watt and worked W7HQJ/WA, AA7QU/OR, and WB4TPW/OR. Then the batteries I brought for it started petering out (I forgot to put a full charge on them in advance of the contest!).

During the second session, used my IC706 (w/straight key - forgot paddle) and the car battery at 5 watts and worked K6JI/CA, KU7Y/NV-AREA 51, AA7QU/OR (you know, I really think he runs 1KW - Hi Hi - what a consistently strong signal!), N7KT/AZ, N0UR/MN, NJ7M/ID, N6KZ/CA, K9PV/NM.

On the way up, heard Marshall and the Colorado QRP Club station, W0CQC, on 20 but once I set up never heard him again.

72 Dick AB0CD..

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: dearly@cocc.edu (Daniel K. Early)
Subject: [18367] QRP antenna for Mexico
Message-ID: <v01540b02af88b8eb7320@[206.163.24.208]>

In Mexico I hope to be using a Norcal40A which I believe is set for the low end of 40 M. In Mexico City I hope to set an antenna on the roof of a three story appartment building. I should be able to erect two masts about 70 feet or so appart to hang a dipole. I don't want to erect something that is too intrusive. Is the dipole the best option? My questions are: ideally how high off the roof should it be. Is the roof considered "ground" or the actual ground below the roof? What type of coax would be best and what would be good sources of the coax? What type of wire and how long? Balun or no balun? Also what would be good for the masts. I remember reading of someone using pvc. This is easily available in Mexico City as well as metal tv masts. I am also assuming that if I take my small swr meter and cut it right I could leave the tuner behind Si? I will also take all of this except the masts, on the plane with my luggage so portabillity is a concern. Suggestions??
Dan WA6IRO

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Harvey Hetland <n6mm@earthlink.net>
Subject: [18394] QRP to the Field, N6MM
Message-ID: <33641ADC.A3A@earthlink.net>

This year my solo operation was from Reyes Peak Campground in the Los Padres National Forest northeast of Ojai, California, This is an area of the California Condor if you are lucky to see one of the sixteen or so giant birds of prey living in the wild. Unlike last year I had time to scout the area the previous weekend. I arrived Friday at 2200Z only to find out that a "Special Use Permit" was required for amateur radio operations in the National Forest, so I was not able to put up the Rohn 25G tower that I had on top of my pickup. A ranger was kind enough to permit me to put up just the top section and mast in my camp site, so

the tri-bander was twelve feet off the ground. A forty meter dipole was strung in the trees at about thirty feet. I Sure wish I had brought my sling shot in order to take full advantage of the tall pine trees, but the plan had been to use the tower. Next big problem was low output from the OHR-400 on 20m. I had only 1.4 watts of output, so I ran 950 mW on 20m to see how life is with QRPp. However, I had already started with 5 watts on 40m, so I cannot take advantage of the QRPp multiplier as I interpret the rules. The OHR-400 will go to my bench for re-alignment and some upgrades this evening.

Operations were suspended at 2120Z and I broke camp at 2300Z Saturday for the nearly three hour drive home. Closest I came to seeing a Condor was a big shadow moving across my camp from a soaring object with apparent big wings as I was taking photos. Unfortunately it turned out to be a hang glider. The next morning two earthquakes hit the area at 1109Z and 1131Z. I was awakened by the second one at my home. I hope it was not my little operation that created this adverse reaction!

Summary:

40m	56 QSOs	OHR-400 5 watts	dipole	gel cell power
20m	47 QSOs	OHR-400 950 mW	tri-bander	gel cell power
15m	0 QSOs	OHR-100 4 watts	tri-bander	gel cell power

Total: (103 QSOs) (5 power) (4 field) (3 homebrew/kit) = 6180 points claimed.
Time: 8 hours (1321Z to 2120Z)
Logging and dupe sheet: The good old fashion way ... by hand

I heard activity on 15m but none of it was QRP to the Field. My 15m CQs went unanswered. Compared to last year's operation from Blue Ridge in the Angeles National Forest with 5W on 40m with a dipole and 3.5 watts on 20m with a ground plane I ended up with 7 fewer QSOs. However, 20m seemed more productive this year with several QSOs along the east coast. There did not appear to be as much local activity on 40m as last year. I did not even work Area 51! One of several high points was working Jim, WA6GER followed by Wayne, N6KR on 40m. Wonder if they were at the same camp site?

I like to use a combination of search and pounce and CQs. As K0FRP noted one can get stations to answer CQs with 950 mW with a beam on 20m, although I had to keep moving slightly to get away from the alligator stations calling CQ that did not hear me. A helpful trick is picking a good frequency, making small frequency adjustments as required and working the edges of the activity area. Seems like many, if not most, QRPers use only search and pounce and the only way to get them in the log is to call a modest number of CQs yourself.

The CMOS III keyer was an asset in keeping the fatique factor down (last

year I used no memory keyer). The DD-1 digital display is hard to read in full sunlight, so next time a hood will be affixed to the DD-1. I have a Small Wonders Lab GM-10 on order in preparation for a 10m effort next year. Maybe there will be action on both 15m and 10m. Did anyone work much on 15m? As for ssb ... what is that? Only joking, hi.

Congratulations to Russ Carpenter, AA7QU, on his good showing with 109 QSOs operating in the field! I am looking forward to seeing more reports.

No plans yet for field day yet. The gel cells are charging, the tower is ready to go, and I'm thinking (dreaming) about possibilities.

73, Harvey, N6MM. NorCal #1441, QRP ARCI #51

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [18357] QRP TTF from the Cascades
Message-ID: <199704271526.LAA50242@nss2.CC.Lehigh.EDU>

We were lucky in the Northwest--clear skies and bright sun. In fact, it got so warm at my ridge top location that the LCD in my palmtop logging computer kept going blank.

Wes Hayward and I had oranized a snowshoe expedition for TTF, but family obligations forced a change of plans. I ended up in a solo venture, operating with my backpacking equipment from a nearby mountain.

My wife, who is a fine person in all other respects, holds radio contests in low esteem. Yesterday, she washed her hands of me, and took a hike with a friend to Castle Rock (a medium elevation peak to the east of here). I could see Castle Rock from my site and imagined them sitting on our favorite rock outcropping, eating lunch. I sent a few radio waves in their direction--my only way of making amends for spending a whole day playing with radios by myself in the woods.

40 meters was about normal, but 20 meters was pretty wimpy. It had just about shut down by 3:00 in the afternoon. Never heard a peep on 15 meters, nor any QRP SSB. I ended up with 109 Qs.

I hereby express my appreciation to the gang at Norcal, who manage to stir up such excellent participation.

Russ Carpenter, AA7QU
McKenzie River, Oregon

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: AlK0FRP@aol.com
Subject: [18323] QRP TTF K0FRP
Message-ID: <970426221937_-434126635@emout17.mail.aol.com>

GANG

1415 z to 2130 z 7 hrs 15 min
operated 5 hours of that near 8 hrs.

Home in the warm shack with snow outside.
Sierra at 950MW to 4 el yagi 82 ft., 4 el tribander 45 ft west on 20m, 2 el yagi 70 ft 40m. Timewave DSP 59+
75 qso's , 64 q's 20m, 11 q's 40m, 27 SPC's 20m 6 SPC's 40m
75 x 10 QRPP x 2 Home x 3 Home brew = 4500 pt's

Was amazed that I could still keep a frequency and run stations at less than a watt.
Still 15 q's per hour. Must be the antennas and the Heliax feeding them.

I have been in Chicago working for the last 6 weeks , during the week, so to take off on a field trip was not in the family plans. The snow at 7am was the clincher.

Al K0FRP

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: clifton w sikes <csikes@brightok.net>
Subject: [18315] QRPTTF
Message-ID: <199704270014.TAA08529@cowboy.brightok.net>

Wow! What a day. Rain and more rain here in Ok., but from the comfort of the house I had a blast. I managed to finally work AL7FS, Jim. Thanks for digging me out Jim. The best of all was Roger, CT1ETT, in Portugal. What a surprise! He called cq for the longest time with no takers, so I said what the hey. I still can't believe he heard me. Thank you Roger!!!!!! I quite, no way to top that.

Yes, we are having fun!

72, Clif

Clifton Sikes AB5UA
Earlsboro,Ok.

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bruce Rattray <RATTRAY@siast.sk.ca>
Subject: [18319] QRPTTF
Message-ID: <5735251926041997/A31811/RIEL/11B4D4D71500*@MHS>

Well so far, it's a complete washout here...all I'm hearing is the Nebraska QSO Party...HI HI...sure wish I could copy the gorup near Roswell...good luck to all...72 - Bruce(VE5RC) QRP-L#886
"QRP! How sweet it is!" rattray@siast.sk.ca

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: N4JS <n4js@amsat.org>
Subject: [18320] QRPTTF
Message-ID: <v03020901af885e398bac@[206.106.174.44]>

Been thinking about the folks having fun out in the field, while I am here at work. It is pretty quiet, and the weather here in S. NJ is PERFECT, warm, and little wind. Hope the N2CQ group got out. I really missed getting out, but will have to wait for Bumblebees, and QRP Afield, in Sept. (I am off for those, work on FD, too).

Looks like a few got thunderstormed, rained, etc, out. My sympathies.

Been working on an OHR400, got 2 of the boards done, just have the T/R board to go. This is no little backpacking rig! Looks good for home station QRP rig, though. (I enjoy building them as much as operating).

Got basic Ham Radio page up at address in sig. I am going to take some pictures the QRP rigs, and maybe some comments from a non-professional on the kits.

72/73


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John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
http://www.qsl.net/~n4js NJ-QRP #57

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   |_|\_|  |_|  \__/ |___/    QRP-L #884  QRP-ARCI #9328 NE-QRP #507
 G-QRP #9544  Norcal #1989  QCWA Life Member ARS #243  FISTS #2781
WIMPS: Qs=010 30m=10 17m=0 12m=0 States=02/00/00 Countries 08/00/00
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From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Jeff Grudin <grudin@pacific.vdbs.com>
Subject: [18328] QRPTTF
Message-ID: <3362CA4D.38B0@vdbs.com>

Wow, that was fun. I had to work this morning, and then I had to go to my daughter's birthday party. This would leave me 2 hours or so to play on the contest.

When I first heard NA5N talking about going to AREA 51 at Pacificon, I was hoping to work him. (I really wanted to get a card from there for some reason). Also NV was the one of the last CW contacts I need for WAS CW. I was happy to work 24 contacts in my two hours and manage to achieve both goals.

What a blast. Thank you all for a making this hobby so much fun.
--
73 de Jeff AC6KW
grudin@vdbs.com

QRP-L #16 Private Practice : Companion Animals and Exotics
Norcal QRP #1292 Ocean Animal Clinic / Cat Clinic of Santa Cruz
Santa Cruz, California

QRP'ers do it with less energy (but lot's of enthusiasm)!

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Kd0su@kktv.com
Subject: [18351] QRPTTF
Message-ID: <199704271256.IAA113771@nss2.CC.Lehigh.EDU>

Well, I sure didn't set any records but I sure did have fun. I started off the morning reading the paper since I had decided to stay home. Had

one of my wife's home made cinnamon rolls for breakfast then decided to shovel the snow from around the base of my ground mounted vertical. Not sure if it made any difference in operation, but I felt better about it.

Went down to the shack and got everything hooked back up. The snow during the week flattened the lilacs next to the house. The lilacs fell on the twin lead for the dipole which pulled the balun around the shack, etc. No major damage, just had to get things back where they belong.

Fired up the Sierra on 40 meters and heard a few stations calling. None of them were very strong. Worked a few, then moved to 20 meters. Calibration on the Sierra must be off beause it took me a while to find the QRP gang. No one was very strong, except for AA7QU, what a nice signal!! Kept working stations though the morning. Decided to stop for lunch, and talked myself into a nap. Got back on in the afternoon and switched to 40 meters. Some loud stations from Texas about then. Also worked KU7Y from the Area 51 gang. Heard NA5N, but no luck Paul.

Didn't stay with it til the end. My wife and I decided to go out to dinner. All and all, a great day.

I sure won't win any prizes for this operation, but it was fun. I always seem to have a better antenna when I am in the field, so maybe next year Mother Nature will be on our side.

73, Rick
K0SU
Colorado Springs, CO
CQC #100 - MI QRP # 1284 - NORCAL #??
ARRL - AMSAT - SMIRK - 10-10

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: wa5whn@juno.com (Jay D Miller)
Subject: [18324] QRPTTF '97 Report (Very-very long), W5BI & WA5WHN
Message-ID: <19970426.194020.8543.0.wa5whn@juno.com>

"Another Weird & Strange Adventure, in New Mexico"
(W5BI & WA5WHN)

As the day had started out, (Friday, April 25th), the day before the NorCal QRP To The Field, it was not a typical spring day, in New Mexico. A combination electrical storm with snow/hail/rain/sleet was causing havoc with the Interstates (more on that later). W5BI & I had loaded his GMC (4WD) and had topped the tank off prior to leaving Albuquerque (A very wise choice) @ 3:25 PM MDT. We had winter weather gear with us, and

plenty of provisions. If You were to look at W5BI's GMC, You would think we were packing for a month in the Field (We do love our little comforts in life.) We had proceeded south on I-25, out of Albuquerque, towards Socorro, NM. Gary & I had glanced over at Ladrone Peak and had noticed the snow layer had covered that mountain, all the way to it's base. That is very rare. That should have been our first warning.

Pulling into Socorro, we were monitoring the 146.68 MHz repeater, but did not hear anything that would warn us of the pending adventure, that we were about to experience. We had topped off the tank again (a very wise choice), then proceeded south to San Antonio, where we would turn east on highway 380 towards Carrizozo, NM. If You had been traveling this road around the 2nd week in July of 1945, You would have been blinded @ 0529 Mountain War Time, because the Trinity Site (NA5N Special Event Station in 1995) is visible from Highway 380. The Oscura Mountains were covered with snow & the cloud cover was down to about 8,500 feet asl. This is the north end of the White Sands Missile Range, where 6 weeks of War gaming was taking place ("Rolling Sands"). More on this later, since it will play a part in this adventure. We had passed through Carrizozo around 5 PM and had turned north on Highway 54 towards 349. When we had turned off of 54 on to 349, the Carrizozo Mountain was covered with snow, and the cloud cover was dropping. We had driven through White Oaks (Ghost Town, and old Gold Mining Town, during the last century). We had noticed 3" diameter orange fiber cable being laid into the ground through White Oaks. We had found that unusual, since this is a Ghost Town, and what would a main fiber trunk, being laid through this Ghost Town, connect to ? We did notice a fine Victorian House being restored, as we had driven through town. After leaving the pavement (DON'T TRY THIS IN A STREET VEHICLE), we had proceeded to the cut off to Jack's Peak. The cloud cover had now dropped to below 6,600 feet asl.

We had used the Garmin 12XL GPS receiver, to confirm that we were at the correct turn off, and north of Jack's Peak. The path (it's not a road) had a light dusting of snow on it. The whiper blades were starting to freeze up, since the sleet was picking up the pace a bit. We had stopped at the following Lat. 33 degrees, 54.9033 minutes N, Long. 105 degrees 37.5867 minutes W. We now have less than 1 hour of daylight left, visibility was now less than 1 mile and the cloud cover was now descending to 6,500 feet. We were at 6,566 feet, at this site.

We had noticed that the .61 repeater (W5YFN) squelch was open.

Gary had oriented the vehicle, facing down (wise choice) towards the trail, and we proceeded to look around this snow covered landscape. Gary & I were noticing that was not just a cloud cover descending, but a cold front coming out of the north, over the top of Jack's Peak. Both of us had come to the conclusion it would not be a wise choice to stay there since we could be snowed in (trapped) for a few days, if this storm was building in magnitude. We had proceeded to navigate our way out to Ancho, NM (Ghost Town) on to Highway 54, via 462. It's now close to 8 PM. We point Gary's Yellow GMC north on Highway 54 towards Corona, NM, when 4 miles down the road, we are stopped by the New Mexico State Police

(Officer Ramirez).

Officer Ramirez, had informed us that Highway 54 north to Corona, NM was closed due to weather, with 6 feet blowing snow drifts & Interstate 40 was closed from Moriarty, NM to Santa Rosa, NM, due to this storm. Officer Ramirez had informed us that he had radioed ahead to have the School Gym opened since there are not many motels in Carrizozo, NM. Gary & I decide to refuel in Carrizozo, and have a later dinner @ the "4 Winds" restaurant. We had noticed the Tractor/Trailor rigs were parking along the intersection of Highway 54 & Highway 380. A few of the Drivers had wandered into the Restaurant, and were talking about being held up in Albuquerque all day because of the storm. It is now 9:40 PM MDT on April 25th.

Gary & I decide to drive over to Roswell, and set up there in the morning. We were thinking about the old Walker Army Air Force Base, as our QRPTTF alternate site.

Let me comment on the courtesy of the various Truckers that we had passed, while east bound on 380 towards Roswell, from Carizozo. These Professional Drivers were always letting us know when the road was clear ahead. My hats off to these People.

Highway 380 is a 2 lane highway, that runs east & west from Lubbock, Texas to San Antonio, NM. Gary calls this the "White Knuckles" drive, but more on that later.

We pass through Capitan, and Lincoln, NM. If any of You have the time, do visit Lincoln, NM. It has not changed much from it's 19th century days.

While starting the climb up the hill, on 380, toward Lincoln, we notice that the Sierra Blanca Airport Beacon is visible, which means the cloud cover is above 8,500 feet.

By the time we get to Hondo, NM, the visibility starts to drop rapidly (snow/rain/sleet) to under one mile. Now we get back to Gary's comments about the "White Knuckle" drive.

It is now 11:30 PM MDT (April 25th), as we drive into Roswell, NM, with a light drizzle. We both notice quite a few US Army Humvees in town. These vehicles, in the background shots, would make for some great photo ops, for the theme of QRPTTF. We had stopped at the various Motels to see if we could obtain a room for the night. Remember the US Military exercise "Rolling Sands"? There are over 30,000 GI's in town. This nearly doubles the population in Roswell, NM. Their Headquarters, for this exercise, is the old Walker AFB. There are no Hotel/Motel vacancies (Remember that, if You planning on coming to Roswell for the July 3,4, & 5, 1997 - 50th anniversary event.). We decide to refuel in Roswell, and head over to Denny's Restaurant, and decide what we are going to do. Neither one of us are in favor of heading back west to Carizozo again. We decide to drive back to Albuquerque. It is now 12:05 AM MDT (April 26th).

Since we know that I-40 & Highway 54 are closed, we choose an alternate route. Before we depart, we drive down to the new UFO Museum, in Roswell, 1 block south of the intersection of Highway 285 (Main Street) & Highway

380, on Main Street, in an old movie theater, on the west side of the street.

We check one more time with Holiday Inn Express, but no joy on a room for the night. The US Military has bivouacked troops all over the City, and the Truck Drivers are starting to fill up RV parks & various State parks, due to Highway 380 being closed east of Roswell.

We proceed north, out of Roswell, on highway 285.

If any of You are interested, You can visit the first Corona debris field (for a fee). The entrance gate, with a very large sign is just north of Roswell, on Highway 285, just south of the Highways 20 & 285 intersection.

Remember the light drizzle ? It's now turning to sleet, just past the Highways 20 (Road to Ft. Sumner, NM) & 285..

There have been numerous UFO sitings near Taiban, NM, which is approximately 10 miles east of Ft. Sumner.

We exit off of 285 on to highway 247 west to Corona, NM. It is now 1:27 AM MDT (April 26th). We run out of gas, but not to worry, Gary switches tanks. :-)

Gary makes the comment that we should have hooked up the IC-706 and worked a bit of European DX on 40 meters, mobile. We tune the AM broadcast radio to 1,200 Khz (WOAI, San Antonio, Texas). The radio show, currently on, is hosted by W6OBB.

Gary & I keep talking to each other, so that we both stay awake. The subjects vary from stocks & bonds to radios & the weather. We are the only People on the road, except for an occasional Sheriff or State Police cruiser.

That's kind of an eerie feeling. Occasionally, Gary hits the brights & the snow flakes are becoming larger in diameter. The wind has picked up a bit too. We pull into Corona, NM, and notice quite a few 18 wheelers off on the side of the road. We proceed, quietly, through Corona, and turn left on to highway 42 towards Willard, NM (My Grandparents & Parents used to own a ranch outside of Willard, NM, many years ago.) I comment to Gary that if they still had the place, we could have rested there for the night. We stop at a rest stop, just outside of Cedarville, NM for a nature call. Talk about waking You up, with the wind chill & blowing snow. We also notice numerous snow plows & front end loaders clearing the snow off of highway 42. This is about 3 AM MDT. We can see the lights of Willard, when WOAI interrupts with an emergency bulletin. "Severe Thunderstorms & flash flooding is taking place in the following Texas counties;". Both of us now realize the magnitude of this storm. We turn west on to highway 60 in Willard, NM. As we drive through Mountainair, NM, at 4 AM, we notice the motel signs "No Vacancy". We both grin, and know where the US Army is. Those lucky Troopers.

We turn right on to highway 47 towards Belen, NM, when Gary notices a train approaching. We accelerate across the railroad tracks, to insure that we won't have to wait for very long freight train to pass.

Hey, we notice a star in the sky, could it be ? Yes, the storm is clearing on this side of the mountain. As we drive through Bosque Farms,

we notice a beautiful sunrise about to take place. Both of us are smiling when we enter Interstate 25, just north of Isleta, NM.

It's 05:35 AM, and we park in front of my house. We proceed to unload the vehicle, and KB5OMD & WB5LYJ greet me at the door. Gary heads for home, but I occasionally query him on the 9.3 repeater. He hears a pillow calling him, and makes it home in one piece. As for me, well, WB5LYJ gives me the "I had told You so" look. Remember, She was going to stay in her nice warm home, while us 2 boys had gone out to play.

I had awakened @ 10 AM on the 26th, finished my chores and had permission to go play with the radios. I was able to participate in QRPTTF, but from the home QTH. I had filled 2 pages with contacts, and had the biggest grin on my face. Gary likes to say, "It's an adventure, when the 2 of us decide to go somewhere."

Don't try this, it is not recommended, and if You decide to retrace our route, do so in the daytime, at Your' leisure. By the way, if You drive through Lincoln & Capitan, NM do stop, it's worth it. Also, the local Constables are always appreciative of any large substantial donations to their City coffers. (Hint: slow down).

I can wait until next year's QRPTTF. ;-)

72..., it was fun...Jay, WA5WHN

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Randy Hargenrader <randyh@harksystems.com>
Subject: [18318] QRPTTF - My results at 950mw!
Message-ID: <3362AAD9.3716@harksystems.com>

The strangest place I could find to operate from was my own shack! Commitments kept me from doing a full blown QRPTTF. Worked the last 3 hours of the contest on 40 and 20 and netted 1060 points using 950mW!! I ran the OHR400 into the OCFdipole. One neat thing - I worked HP1AC (Panama) on both 20 and 40 mtrs.
--
73, (Sir)Randy WJ4P
Knightlites QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: tahrens1@juno.com
Subject: [18405] QRPTTF - W5FN
Message-ID: <19970427.164703.4887.0.tahrens1@juno.com>

Howdy Folks - Had a fun time here in the shack for
the contest... After just returning from Big Bend
camping with 15 kids (and 7 adults), I really wasn't
in the mood to pitch the tent -again- & put up the
antenna. Did that all week (BTW, the MMA Vertical
did great in the park).

Used the Index + (swapped the Sierra before the BBend
trip)... hmmm, coulda used that extra multiplier for
HB! Oh well, got 35 contacts, mostly on 20, including
one SSB - gasp - contact with some special events station..
their exchange sounded a lot like ours! hehe. Didn't hear
any TTF SSB signals at all.

The weather was so-so... but had rained a whole lot on Thurs
& Friday... could have had a good mud wrestling match if was
so inclined... not really good for camping. (wx in BBend was
perfect).

Maybe next year will combine TTF with another camping trip -
do it 'right'.

Thanks all, it was great fun.

cu

Tim W5FN

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Randy Foltz <rfoltz@wsunix.wsu.edu>
Subject: [18374] QRPTTF an Idaho version
Message-ID: <Pine.OSF.3.95.970427102946.19601B-100000@unicorn.it.wsu.edu>

A great outing here in Northern Idaho. I headed up into the mountains
east of Moscow carrying all the radio gear and creature comforts in a
backpack. After about a mile hike through a harvest unit and up 500 feet
to the top of the hill, I found a nearly perfect site. The day was warm
and sunny in marked contrast to the several days before and today. I put
up a wire dipole for 20 M and the W6MMA modified SLV for 40 M. Worked 50
stations in 13 states for my best consecutive 8 hours. Lots of familiar
calls, including Jim, AL7FS, again. Had a bit of problem copying some
calls when the woodpeckers were hammering in the trees.

The only strange thing about the site was the occassional Blue Helmeted soldiers that came by every once in while. :)

72,
Randy
AB7TK ARCI   QRP-L   NORCAL   NWQRP ARS
Moscow, ID

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [18336] QRPTTF contact
Message-ID: <8D6A572.0004002828.uuout@cheaha.com>

-> Oops! I dropped the form. Could someone please
-> send me a copy? I did get a few contacts in from
-> the shack, so want to figure my score out.

Yelp, you sure did...I was one of the contacts! FB es hope you had as much fun as I did! :)

Here's the rules....

- SNIP -

QRP TO THE FIELD 1997 (c) by [1]Doug Hendricks KI6DS

Saturday April 26, 97, 1300 utc to 0100 utc (Saturday)

Single Transmitter, declare best (8) continuous hour period for contest scoring.
Open to all Radio Amateurs, all modes, and all bands except WARC.
Once started, maintain the same power and location categories.

Exchange:
Phone RS and State, Province, or Country
Digital (CW, etc.) - RST and S, P, or Country

QSO Points:
1 watt or less out - 10 points
5 watts or less out - 5 points
over 5 watts - 2 points.

Multipliers:

Field location (Battery power & Temporary Antennas) 4X
Home location (Commercial power & Permanent Antennas) 2X
Home-brew Equipment = 3X
Commercial Equipment = 2X

Final score:

Band per Mode QSO points X the location multiplier X the equipment multiplier.
Add the Band per Mode totals to figure the final score.

Awards:

Certificates to the TOP TEN scoring stations and to PARTICIPANT entries with 20 or more contacts (include a 9x12 envelope and 3 units of postage for participant certificate). Send Logs with station and location descriptions to: QRP To The Field, 6822 131 Ave SE, Bellevue, WA, 98006-4038, by May 15, 1997. Include a #10 SASE for results. All contest committee decisions are final.

Last year entrants were encouraged to operate from places of historical interest or significance. This year we are encourageing entrants to set up and operate from places where "strange" things have occurred. If you live near a Sasquatch sighting, a UFO sighting, or a "secret" military installation, this is the type of place we are talking about.

As an example, Monte Stark, Bob Follett, Paul Harden and Doug Hendricks will be operating from Area 51 in Nevada. They will fly in to Las Vegas, rent vehicles and then proceed to their destination at Area 51. Please listen for their station, which will be calling CQ 51 as an identifier. All stations worked will be qsled with a special qsl card to honor the event. (Providing that they make it back.). QSL via Paul Harden, NA5N, 120 Garden Circle, Socorro, NM 87801.

- SNIP -

Take care es tnx fer the contact.

72/73
Ed Welch KF4KRV
NorCal Member #???
1st Grand Poobah ScQRPion of Alabama
QRP-L #873 - FISTS #2964
Luverne, Alabama

Crenshaw County - Grid EM61
          +--+
----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
          +--+

                >   Isn't "time" a 4-letter word?   <

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Roger Traylor <traylor@ECE.ORST.EDU>
Subject: [18325] QRPTTF Fun in Oregon
Message-ID: <199704270234.TAA14679@holmes.ece.orst.edu>

Gang,

     Went out today for a few hours of fun in the TTF contest.
     Oregon spring weather was great, partly sunny, highs in the 70's.
     Propagation seemed good, noise low. Only worked 20mtrs since
     I had a late start. Never heard the group at Area 51. Aliens?
     I really wanted to get that special card!

     The totals:
     Operated 2.5 hrs
     46 contacts
     17 states: CO,AR,CA,MO,OK,TX,NY,AZ,NM,AK,VA,GA,OR,MN,FL,MO,WI
     2W from a Sierra to 20M dipole at 35ft
     2760 points

     Can't wait till next year.

     Roger Traylor
     WB4TPW

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: N5JI@aol.com
Subject: [18316] qrpttf next year
Message-ID: <970426205225_873650531@emout07.mail.aol.com>

hi gang

no qrpttf for the north texas (nortex) qrp group. we've been having heavy
rains
for the last couple of days. a few of us met for breakfast this morning and

we
were dodging heavy rain. worked the test from home on 20 mtrs. i relocated
here
from buffalo, ny for the nice wx. hee! hee!

field day next and that's always a rain or shine event.

good luck to all the other groups, xmting from all those great places.

dick n5ji/qrp ex. aa2wj/qrp

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [18327] QRPTTF Report
Message-ID: <199704270339.XAA16438@mh004.infi.net>

Well, it took me an hour and a half to put up the W3EDP antenna this morning. (I've got to get some heavier weights for my sling shot)

It was the day of the annual "Bark in the Park" dog parade, and the big German Shepherd that came up behind me was actually very friendly. His mama wanted to know why I was staring up at the trees. (looking for the end of my line)

-- And, I learned the value of checking out the site in advance with a radio. (Those power lines didn't make any noise when I looked at them earlier this week)

As for you, Clif, you rascal! I heard CT1ETT too, and when he signed /QRP I decided to forget about the contest and go for him. (Sometimes QRPers are like that --easy to sidetrack. Had several rag chews in the middle of this contest, too) He was fading fast when I called him, and who should come back but AB5UA, Clif! So, I thought "Oh, well, it's probably just some island in the Atlantic, --back to the contest" You must have worked him then chased him away!!

And WU0L!! Did you have your receiver on??? I tried three times for a total of probably 30 min to contact you, and you just ignored me! I feel insulted. :-)

But, in spite of all of that, my score this year is better than last year, so can't complain. Also worked a couple of Alberta stations. Don't remember working that province before.

Statistics:

S/P/Cs: 26
Most worked states: CA(5), OH(5), TX(5), AZ(4), CO(4), PA(4)
QSOs: 57
Points: 3420
Time: 7 hrs

All in all, not bad for an 85' wire in a tree with a 17' counterpoise. Rigs were NW20, NW40. Next year, look out, I'm going for antennas with direction and gain!!

Thanks all, for another fun contest!

CUL,

Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. - Benny Hill
WIMPS: Qs=001 30m=1 17m=0 12m=0 States=01/00/00

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: tahrens1@juno.com
Subject: [18321] QRPTTF Rules
Message-ID: <19970426.194735.4887.0.tahrens1@juno.com>

Oops! I dropped the form. Could someone please
send me a copy? I did get a few contacts in from
the shack, so want to figure my score out.

Thanks,

Tim W5FN

p.s. I don't have web access, or I could pull it
down.

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>
Subject: [18375] QRPTTF-Homebrew = Kit???
Message-ID: <3.0.1.16.19970427014742.37c73b82@postoffice.worldnet.att.net>

For scoring...does homebrew include kits?? When I started hamming 27 years ago...homebrew meant from scratch...not a kit.

What's the verdict?

==========
73 / 72 QRP ARCI # 8911
Gary - W2UX QRP-L # 593
Lexington, SC CQC #413
(EX: WA2UAX)
CW is the REAL THING! Use it or lose it.
==========

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: WD6BOR@aol.com
Subject: [18330] QRPTTF-Jack London's Wolf House
Message-ID: <970427001321_1056572689@emout06.mail.aol.com>

It was a brief operation since we were up between 3:00 and 4:00 am to put on the Valley of the Moon ARC hamfest in Glen Ellen, CA. After the kitchen was cleaned up from the breakfast, the signs taken down and everything packed into the vehicles, Ed Jacobson, AB6QL, Mike Miller, WB6TMH and little ol' me, Darrel Jones, WD6BOR, put the portable grar into Ed's Trooper and went into the state park parking lot. We packed the gear, Ed's QRP+, battery and MFJ/Becncher keyer, and my St. Louis Vertical, original version and Dentron Jr. Monitor tuner and walked the 6/10ths of a mile to the ruins of the Wolf House. I set up the SLV on the split rail fence surrounding the Wolf House, Mike got the tuner and rig put into place in our operating position, also balanced on the split rail fence, and Ed atarted operating just before 2:00 Pacific time. Ed made five contacts on 40 meters and then we all decided to call it a day since we were about to fall asleep. After a nice, warm, scenic walk back to the parking lot, we motored down the hill and off to our respective houses and beds.

I'll figure up the score tomorrow. I'm a little sleepy right now.

Darrel, WD6BOR

PS. It was nice to see Jim Cates at the hamfest. Hopefully next year we'll get even more of the QRP bunch to help out with the club QRP station at the hamfest. See you then.

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: ka7you@juno.com
Subject: [18344] QRPTTF-SSB : Where were the stations?
Message-ID: <19970426.223237.2431.1.KA7YOU@juno.com>

I was in the truck several times today, and had the rig at and near 14.285, but I never heard any QRPTTF-SSB signals out here. I listened to parts of three nets on that frequency too. I even checked into one of them with my three watts, and got an OK signal report from Arizona-funny place for a net control for a marine power squadron net. I was told I was "a little weak in there but copyable" and the net control didn't need any repeats, but when I told him I was mobile with three watts, then he needed a repeat :>)

I tuned down to the CW portion of 40M, and it was hopping, but mostly too fast for me to copy mobile, and I only had the 20M antenna on anyway.

I hope everyone had a good time!

7 3,

Rod Johnson KA7YOU from CN97AK near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

NWQRP#120 ARCI#7251QRP-L#844

Ask me about producing Three-Wheeled Golf Carts by the hundred--as a hobby??

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [18337] QRPTTF...first contest...log...experience...rain...coffee...
Message-ID: <8D6A576.0004002827.uuout@cheaha.com>

-> Got ready to leave the house and checked the weather channel again as
-> I heard another thuunderboomer....

-> Looks like the breakup in the weather was just another ruse on mother
-> nature's part.

Yeah, being about 100 miles north of you in south Alabama I can attest to the truth of your statement. As for me, this was my first "contest" of sorts. I'd planned on going down to a pond behind the house where, as a young boy I did a lot of "Huck Finn" kind of things...camping, skinny-dipping, fishing, etc.,. As the rain set in I had to use "Plan B" which was to use an old, sagging farm house across the highway from me. Carried a chair and small table and set it up in one of the remaining, hay-strewn rooms. Open, paneless windows, big hole in the wall where the fireplace use to be...real airish, but kept *most* of the rain off.

Anyhow, got off work late with only a few hours to spare. Didn't have a chance to work on an antenna so ended up using a hamstick on a 4' aluminum tube and four 34' radials. Ran the coax into the house through a window. Tuned the antenna with the 259 and finally turned the NC40a on.

About the time I turned the rig on there were still a few things to move off the table to make room to work. As I was moving the 259 the strap to the padded pouch caught something causing me to loose my grip and the analyser plummeted 5' down through the "fireplace hole" hitting some old boards under the house. I picked it up to hear "something" heavy rattling in it!<groan> After QRPTTF was over I opened 'er up and a couple of the AA cells had come loose...put 'em back in and everything is honkydori. ....it takes a licking and keeps on ticking! YIPPIE!!!!!

Anyhow, I started making a few QSOs when suddenly I started getting loud feedback or something. Something "clicked" in my gray-matter so I got up to look out the window at the antenna.....there was a horse with his nose right at the feedpoint of the hamstick smelling it!!!(Maybe he *smelled* the RF.) Suprised the horse pretty bad when a boogy-man suddenly appeared in a glassless window and started hollering and waving from the old empty house!<grin> Oh yeah, I didn't even pay any attention to the rain except when it started kinda blowing in through the windows, holes, etc.,. :)

Anyhow here's my first shot at a contest. I learned a few things...one of which is I think I'm gonna snag one of those OHR SCAF filters! :)

Time	Station	State	Received RST	Sent RST
21:31	KB9MIC	??	539	539/QSB/QRM
21:47	AA4XX	NC	539	559
22:01	K7QR	SC	559	559
22:06	WJ4P	SC	529	529
22:19	K4JM	VA	559	(Drats! no notation)
22:30	K0LA	MO	559	339
22:35	K4AT	KY	559	(Drats! agn!)
(Scare horses away agn.)----------				
22:47	W2UX	SC	549	569
22:53	WD2P	MD	229	579
(Scare horses away agn!)----------				
23:23	WD3P	MD	339	349
23:47	N0UR	MN	559	339
(haul-buggy to house to refill coffee-mug es get Gortex jacket/fleece)				
00:31	W8TIM	MI	549	339/QSB/QRM
00:56	W5FN	TX	449	559

(The two "WD" contacts in MD seem kinda weird to me....like maybe I worked the same station twice and got the call wrong on one of them. What do you think? Yeah, that's what I thought.<g>)

It was kinda confusing for me at times. :)
But, enjoyed it non-the-less!

A few of things I'm going to do *next time*:

1. Get station es antenna set up earlier.
2. Use *better* antenna!
3. Get SCAF filter!
4. Do it with a *little bit* more experience!
5. Be more careful with the MFJ-259!
6. Take no prisoners!<g>

Not a "contender" with the "pros", but I had a swell time. Tnx everybody that made it happen!

72/73
Ed Welch KF4KRV
NorCal Member #???
1st Grand Poobah ScQRPion of Alabama
QRP-L #873 - FISTS #2964
Luverne, Alabama
Crenshaw County - Grid EM61

```
          +-------------------------------------------------+
----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
          +-------------------------------------------------+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [18342] QTTF
Message-ID: <199704270610.AAA16806@lynx.csn.net>

What fun!

It was a NASTY trip to Daniel's park this morning around 10:00; rain, snow, mud, fog, you name it. The parking area chosen for the W0CQC operation was a sea of mud and half-melted snow, so we elected not to attempt erecting any antennas but to rely on the mobiles. In the end I was the only one who actually operated as W0CQC though several members turned up to observe and lend moral support and one actually got on air using her own station and callsign a few yards away.

The weather was a real mixed bag through the day but finally started to warm up briefly around 4pm.

Propagation was mixed too-- I was prepared to operate all HF bands,
but ended up working only 20M and 40M-- absolutely nothing heard on
the other bands any time I checked. Finished up with around 50-60
QSOs, so I'll mark it down as an uncomfortable success.

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
http://www.mtechnologies.com/mthome
http://www.mtechnologies.com/mthome

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [18358] QTTF
Message-ID: <199704271600.JAA20327@dancris.com>

Well, I was somewhat disappointed early in the day as condx were not too
good. Did make a few contacts between chores/errands (2 on 40, 4 on 20).
Things picked up about about 2200Z on 40, and I got several in a row before
time to go off the the xyl's reunion.

Most notable were Russ AA7QU in OR, and, finally, Bob Patten N4BP if
Florida. Got the CQC station, W0CQC/P as well, so I'm happy with it.

Used the OHR Classic, DD-1 Display, OHR Scaf Filter and WM-1 with the LDG
Autotuner into a G5RV as an inverted vee. Heard a few more than I could get
back to, but that's the way it works.

Thanks to NorCal for doing this, and thanks to all of you out there for
being there. And to those few I lost to qsb, maybe next time. Weird, some of
you just disappeared, never to return.
73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

http://www.dancris.com/~ki7mn
WIMPS: QSO's=17 30=17 17=0 12=0 States=14/0/0 DX=0/0/0 QSL's=5

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997

From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [18360] QTTF
Message-ID: <199704271613.LAA14956@chuck.dallas.sgi.com>

Well, guess everyone has heard of the weather and all the doings
in TX. I got packed with the W6MMA vertical, Sierra, batteries,
and headed for the airport. But radar problems the day before
and bumped fliers and a load of other associated problems plus
the continuing rain made the situation just impossible for me
to get to Midland late and make any headway to Marfa and get on
the air.

So opted to go see how the NORTEX group was doing at their site.
No one there (I wasn't planned for the event so they didn't
notify me or Baity Bartell, whom I had a phone message from) and
it was still raining like crazy with lightning and all.

OK, run to office on way to house and check on some systems for
class on Monday. Get to the house and turn on the rig and nothing
at all on all bands due to heavy line noise, which is unusual as
rain usually nulls it out.

So, make it a score of 0 for K5FO/mm.

Did get on 30M later after sunset and worked two more, Doc K0EVZ,
but he faded out during second transmission. Same with Jim N0UR.

Add 2 to the 30M count in signature. :-)

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/adams/
WIMPS: Qs=026 30m=21 17m=5 12m=0 States=17/05/00 DX=02/00/00 QSLs=005

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [18401] QTTF
Message-ID: <3363D035.3A55@dancris.com>

What a trip! This thing gets better every year.

Set up at abt 5500' near Sedona, AZ on Friday. Cold, windy, and some
threatening clouds.

28 deg. Friday night....very cold! Saturday was a little cloudy, and by the time I got thawed out enough to use paddles, it was 7:45 (1445 UTC). Behind the curve!

Signals everywhere....20 and 40M were so good I hopped back and forth. Never did make it to 80. Station setup was an OHR-400 with the W6MMA coil on my SLV. What a deal....this rig really has ears.

I haven't figured out the best 8 hours yet, but made a total of 80 qso's on 20/40M from 1448Z to 0032Z. Like some others, I have to sit down and figure it all out. No matter,,,had a heck of a time anyway.

The SLV/W6MMA antenna is a keeper. Setup took abt 4 minutes, and I worked everyone I could hear _except_ N4BP. Tried calling him, but he couldn't hear me. Too bad.

80 Q's, 22 States, 1 Canadian Province (thanks, Paul). There are a LOT of Listers in the log. It helps when you post your call in the signature line, so I can respond with your name during a Q.

More later...will post the results and some pics on my web page. What a fun time this was...can hardly wait until QRP Afield this fall.

72....Roger, N7KT

--
72/73 de Roger N7KT   n7kt@dancris.com   Mesa, AZ   Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [18390] QTTF Report:WA6NAE (+N6WG) LONG!
Message-ID: <M1438614.001.bbs80.1.970427200455Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

MURPHY HAS A FIELD DAY

The alarm went off at 5:30 AM Saturday to get me up and moving, however slowly. Boy, the sacrifices we make in the name of having fun. Got on the road around 6:30, on my way to pick up Dwight, WA6NAE. Loaded my car the night before, so I could take off even if running on early morning mental autopilot.

Dwight had his new portable station case assembled, so we threw it in the back of the wagon, and took off for our QTTF site. Has the rig, tuner, wattmeter, battery and a solar panel for recharging in the field. Room in the back for

antenna and line, too. Neat.

Got up to our usual site in a local park, and received our first Murphy shock. Our favorite tree had died over the winter. It will be missed, as it was tall and located just right.

Well, to work. Got out the hand carts and loaded up our gear. Trudged up the hill to our operating spot. I've got to put bigger casters on the handcart, as they get stopped by any little rock on the ground.

Ok, we hang Dwight's antenna first. Murphy laid low during this operation, probably to lull us into expecting everything to go smoothly. Got his 20m wire beam up, then went to hang my 40m half square and Extended Double Zepp.

This was the opening Murphy had been waiting for. Dwight had his antenna launcher all warmed up, after doing his own antenna. So, first shot over my tree missed the tree altogether. Ok, we take it in stride, reel in the line, and shoot again. This time the sinker comes down in a patch of poison oak, the big healthy enthusiastic kind. Couldn't pull the sinker out, so we tug harder and snap the line off. Better to sacrifice the sinker than take on another dose of poison oak like we got during FYBO.

Be warned, even though the leaves of poison oak may not be out yet, the twigs are still capable of doing a nasty number on you. We are the living proof.

After Dwight puts a new swivel and sinker on the line, we take our positions again. Surely this one should do it. Dwight pulls back, aims and lets go. I hear the snap of the slingshot from my side of the tree, and start trying to spot the fall of line and sinker. Don't see anything. Dwight comes around from the other side of the tree, holding out the end of the line. The line had snagged inside the casting reel about three feet from the swivel. When he shot, the sinker went flying on its way, pulling swivel and line behind it. For about three feet. The line stopped, the swivel stopped, the sinker didn't. Dwight showed me the swivel with the safety-pin-like loop pulled wide open. Now we are out two sinkers.

We try to clear the snag in the line in the casting reel, but it's going nowhere. Ok, we improvise plan B and decide to work just 20m with Dwight's setup. Dwight connects his gear while I put my antenna stuff away. WE ARE READY(1)

Oh, boy, Murphy was waiting for this. Dwight has a nice Sierra, but we needed a speaker so one of us could log while the other operates. No problem, Dwight has the little Radio Shack amplified speaker with the internal 9v battery, so he digs it out and plugs it in. Now WE ARE READY(2).

We fire up on 20m and hear some good loud signals. Oh, boy, looking good. At this point, the 9v battery in the little speaker quits. Ok, into the backup

battery box. Dwight cuts open a new 9v battery pack, pulls the speaker housing apart, and puts in the new battery. Hook everything back together and now WE ARE READY(3)!

Hmmm. No audio. The new 9v battery was dead, right out of the plastic pack. Ok, try the other one. It's ok, so finally WE ARE READY(4).

We make our first QSO just after 9AM local time, and we're off. Make a number of contacts, but not as many as we had expected. Band seems to be in and out, with stations disappearing in mid-contact, then fading back in again after a bit. Things really slow down around noon, so we decide to make another try at 40m.

First effort was to use the tuner to try loading the 20m wire beam on 40m We made one contact this way, but too marginal to use for the contest.

I dig out my 40m EDZ, and we manage to hang its center from a limb near the operating table. This gets the center about ten feet up. The ends wind up about eight feet high at one end and about three feet high at the other end. Doesn't generate a lot of confidence, but it's what we have, so we go with it.

My old antenna tuner, built on a cigar box in 1956 while I was a KL7, will load just about anything. It's a push-pull tank circuit, with split stator variable and plug-in coil with swinging link. I hack off the excess twinlead feeder on the EDZ, connect to the tuner and we get a match.

Hot dog, we're still in the game. As expected, daytime 40m operation gets us mostly left coast stations, but what the heck, points is points. We did manage to snag N0UR from MN, however. Not bad for 1w and a low antenna on 40m during the day.

During all this, the sun moves across the sky and our shade moves away. We sit in the sun for some hours until a new shade patch moves close enough that we can move the table back out of the sun. Not enough feedline with us to keep moving the table and chase the shade through the day. This time, instead of poison oak, we go home with sunburn.

At 6PM local time, it's over. We pack up and go home. Sure faster taking down and putting away than putting up.

Murphy gets his last lick in when I start working out our score. The rules say pick your best 8 hours. We operated 9 hours, with our best scoring in the first and ninth hours. So we have to throw out one of our best hours. Oh well, everyone else has to do the same, so we can live with it. We made 47 contacts on 20m and 28 on 40m, total 75 contacts, before throwing out the ten contacts in our first hour. Sure hard to throw away 1200 points.

Our final score was 7800 points, our best so far anyway. Not bad for a Sierra

on one watt.

Everyone says Murphy hates people involved with electronics. I think it's the other way. Murphy loves us. Where else would he have so much opportunity for mischief?

72, Bob N6WG and Dwight WA6NAE

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Ken Newman <N2CQ@compuserve.com>
Subject: [18359] QTTF Result
Message-ID: <199704271202_MC2-157A-CD19@compuserve.com>

1997 QRP TO THE FIELD TEST

Call used: N2CQ Location: NJ

Category: QRP Field Portable Mode: CW Power: 5W

Callsign of Operator: N2CQ

Exchanged Information: N2CQ RST NJ

Hours of Operation: 01:38

band	QSOs	mult.	points
160	0	0	0
80	0	0	0
40	6	X 5 X 4 X 3 =	360
20	11	X 5 X 4 x 2 =	440
15	0	0	0
10	0	0	0
TOTAL	17	SCORE:	800

Club or Team Name: NJ QRP Club

Comments:
Sierra (.9W) - Vertical 40 M.

Argo (5W) - Half Square 20 M.

QTH: Martian Landing Site ("War of the Worlds" Broadcast in 1936)

Grovers Mills, NJ

If there was a Martain landing on QTTF Day, they did so in Earth forms of Canadian Geese or local human population. The human types were peaceable and had many questions on our operations. Those in the Canadian Geese form kept to themselves but flew over the site quite a bit. Neither forms reported that they were Martians.
In an earlier QRP Afield Test, a visitor *DID* ask if we were Aliens ourselves so nobody can be sure.

72/73 de
Ken Newman, N2CQ
N2CQ@compuserve.com
QRO HAMS HAVE FRIENDS ALL OVER THE WORLD.....
(but not on their own street!)

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: n5zgt@swcp.com (Brian Mileshosky)
Subject: [18313] Received My Spring QRPp Today!!!
Message-ID: <199704262349.RAA25900@kitsune.swcp.com>

Hello Everybody,
I received my March issue of QRPp today! It looks great! However, 4 of the pages (24, 25, 56 & 57) are blank, but I'm not too worried about that.
As always, G R E A T J O B, N O R C A L ! ! !

72,
Brian, N5ZGT

Boy Scouts of America Amateur Radio - N5ZGT
Eagle Scout (12-6-96) ARRL QRP: NorCal# 1700 QRP-L# 580 AK/QRP # 125
JASM - Troop 41 Author of Worldradio's "Youth Forum" Column
Albuquerque, N.M. Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NOAM
O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [18335] RTV Electrical Safe...Permatex
Message-ID: <8D6A505.0004002823.uuout@cheaha.com>

Phil wrote.....

-> I found the following in a car parts store: Permatex Clear Silicone
-> Adhesive/Sealant
-> Reorder 66BR (79340-80050)
->
-> This one specifically states for "ELECTRICAL CONNECTIONS"
->
-> "Provides a waterproof, protective seal around metal, glass, rubber,
-> etc."

When I browsed the small parts store in our town I didn't see one that stated the above (doesn't suprise me the variety of items around here are limited). What I did find, though, was Permatex "Sensor Safe" ULTRA COPPER, which among other things states "Won't harm oxygen sensors" and "Non-corrosive". FWIW.

72/73
Ed Welch KF4KRV
NorCal Member #???
1st Grand Poobah ScQRPion of Alabama
QRP-L #873 - FISTS #2964
Luverne, Alabama
Crenshaw County - Grid EM61
          +---+
----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
          +---+

                >   Isn't "time" a 4-letter word?   <

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Louis Roussel" <lwr@intersurf.com>
Subject: [18398] Schematic for HW 8
Message-ID: <199704272132.QAA12040@alex.intersurf.net>

I bought my HW 8 at a hamfest and did not get a schematic for it. Some of the smoke has leaked out and now I need to try to fix it. Can someone please copy the schematic and send it to me? I of course will pay for copying and for postage. Thanks a lot.
72

Louis Roussel
11720 Pamela Dr.
Baton Rouge, La. 70815
email to: lwr@intersurf.com

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [18384] So long for now !
Message-ID: <199704271908.PAA75442@nss2.CC.Lehigh.EDU>

Gang,

Since my wife and I are in the process of purchasing a new home (on ten acres BTW !! hehehe, I smell rhombic), I have run out of the time necessary to read this list. Thanks for all the help which I have received from all you guys and gals ! Really a great list as you all know. I have learned a lot since being a member, built a 38 Special and have had many laughs. So thanks again ! When things settle down here a little , I will be back ! Look for me on the air, and visit my web site from time to time to see what I'm up to ! Cheers all !!!

73,
Steve Hurst
KA7NOC
southern Idaho
shurst@magiclink.com
http://www.magiclink.com/web/shurst

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Dave Fifield <fifield@pacbell.net>
Subject: [18339] Tower List/Newsgroup?
Message-ID: <33634B77.195D@pacbell.net>

Gang,

Sometime back I recall there was someone looking for information on towers. He was pointed to a tower email list or newsgroup or something. Please could someone point me in that direction too (again)?

QRPTTF - gave out points from home this year. Lotsa very weak stations heard on 40m and unable to raise most of them for some strange reason (wierd!?)...even with 5W out! Managed to get 15 contacts, so no "participation award" for me, oh well! Hope you all had a Teriffic Time in the Field - look forward to reading all the funny stories.

72, Dave AD6AY

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [18362] TTF SSB
Message-ID: <Pine.A32.3.93.970427122217.29621A-100000@weyl.math.Virginia.EDU>

Checked 14.285 (+or-) at the top of the hour most of the day, between trips to girl scout meetings, T-ball games, etc. Didn't hear the QRP stations I heard during the last SSB Sprint -- or any of the stations from the list. Did work 3 Nebraska stations in the Nebraska QSO Party, including one mobile station. Worked FL and VA and TX also. Things really started to perc in the evening hours here, but had no more time.

Counting minutes till the end of the semester, when I tuck into my Centennial kit!

72, Ralph N7RI
Charlottesville VA

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bernie Doehner <bad@uhf.wireless.net>
Subject: [18393] W6MMA and SLV.
Message-ID: <Pine.BSF.3.95.970427163944.21052B-100000@uhf.wdc.net>

Hi Gang:

Just wondering, is the diagram for the SLV or the W6MMA vertical that I have heard mentioned on the list several times on the web somewhere? If so, I'd appreciate the pointer..

Thanks.

Bernie

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Joel Malman <malman@BBN.COM>
Subject: [18386] WAS Map / QRPTTF
Message-ID: <199704271948.PAA84872@nss2.CC.Lehigh.EDU>

Does anyone happen to have an on-line version of the ARRL WAS Map? Just about any format or platform is OK (.pict, .bmp, .gif, jpeg, postscript, etc).

Had fun with the QRPTTF. Mostly only heard/worked the east coast. N4BP had his usual fine signal, K0FRP in CO is as far out to the west as I got. I did not hear any of the '51' boys. Sorry. Did anyone hear the station on 40m calling CQ FD. I tried to contact him, but I guess he just did not hear me.

72,

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)
WIMPS: Qs=045 30m=043 17m=02 12m=00 States=12/01/00 DX=19/01/00

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Craig LaBarge <LaBarge_C@compuserve.com>
Subject: [18392] WB3GCK to the Field '97
Message-ID: <199704271629_MC2-157D-3D50@compuserve.com>

Gang:

Had a lot of fun yesterday, although I've had better days. I set up in a local school yard at about 1330Z or so. I started off with a vertical using a 19.5 foot radiator (supported by a black widow rod) and eight 19.5 foot radials. I used a small transmatch at the base to load it up. It worked like a champ on 20 meters. I quickly fired up the GM-20 (950mw) and worked Utah and a couple of Colorado stations right out of the box. After a while, I decided to see if I could get anything out of the vertical on 40 meters. No go. My tuner couldn't quite pull it off.

Since it was just about lunch time (and my location had no "facilities"), I headed home for some chow, a pit-stop, and some more wire. When I returned, I set up an end-fed inverted vee (66') using the Black Widow rod as the support and 16 & 33 foot counterpoise wires. This set up worked out pretty well on 40 and 20 meters. I used my trusty SW-40 (950mW) on 40

meters.

I continued bouncing back and forth between 40 and 20 meters up until about 2000Z. In general, the bands seemed "sluggish" and there didn't seem to be many stations participating this year. Some stations, like K1OJ and N4BP seemed to be in there pretty much the whole time, but not a whole lot of new stations to work when I checked the bands. In total, I worked about 20 stations; about half and half on 40 and 20 meters. Still, it was a perfect day to be outside operating. I have some painful sunburn on the back of my neck to prove it.

"Home of the Blob" QSLs will be coming to those who managed to hear me yesterday. As always, I'm looking forward to the next one.

73, Craig WB3GCK
Phoenixville, PA

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [18350] Re: 135 feet between trees/antenna?
Message-ID: <19970427125020.AAA18279@LOCALNAME>

> I'm just looking for suggestions. I'm willing to experiment.
>> 7 3,
>VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV
>By "Bi-Square" I assume you mean "Half-Square", in that space.
>I'm no expert, Rod, but have the following opinions:
>
>1.) Summer is comming; 80m will degrade.
>2.) Higher freqs. will be far better prop.
>3.) Your trees can hold real killer ants at 30m and up.
>
>Given the above and the results from recent work, I'd suggest putting up
>sturdy support lines with pulleys at the hi end of each, to use as "quick-
>change" attachments for several ants. (Like flag-poles) For instance, I've
>now got Sterba Curtains for 17, 15, and 12m that fit in that space and change
>to which ever one I want in about 15 minutes. Also have "Nested Half-Squares",
>for 40, 30, 17, and 15m (all from same single coax feed) that fit easily.
>
>To put the icing on the cake, I have an additional "far-end" support that runs
>~90 degrees to the N-S oriented supports, so that I can change directions,
>within limits. The ants are all quick-and-easy designs which I store either
>on the ground in the woods, or, carefully rolled up on discarded cable
>spools from Home Depot. Two people make changes an easy chore. Don't even
>try it alone -unless you're a MUCH more stable soul than I am. Of course, I
>keep "BIG MAMMA LOOP" (1400' hex) up as all-band, omni-directional coverage.

>
>I can only tell you that I'm absolutely thrilled with the results using the
>two above new ants. Now to make some non-honey-do time to use them!
>Let us know what you decide, Byron, and let's make some scheds. 72 =s=
>
"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [18343] Re: A strange request ...
Message-ID: <199704270614.XAA17903@dancris.com>

At 08:08 PM 4/26/97 GMT, you wrote:
>I have a bit of a strange request, mixed in with the TTF posts ...
>
>I collect hats. I don't currently have one for my radio stuff, but
>have thought about it.
>
>What I'd like, ideally, is one of the Navy-style hats (nylon, holds
>up well in all weather types). QRP ARCI logo embroidered on the
>front in gold. Callsign embroidered in gold across the back vent
>(where the plastic size adjustment is).
>
>Alternative would be a plain wool-blend baseball style cap,
>similarly configured.
>
>Anybody know if these can be had through an existing vendor? There
>are a couple of shops in Memphis that can do it for me, but the $35
>setup charge seems a bit steep for a single hat.
>
>I'd also like one configured as above with an ARES logo on the front
>(QRPers *do* perform their public service duties in Skywarn and
>ARES, don't we? hihi).
>
>
Marty, if you can get something like this at a reasonable price, I'm sure there would be a bunch of us that would go for it. Would the inclusion of the call on the back increase the price for setup? Usually, the setup applies to a run, but with individual call signs the cost per hat might be excessive. Why not feel them out and see what could be done. I know I'd be interested.
73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

http://www.dancris.com/~ki7mn
WIMPS: QSO's=17 30=17 17=0 12=0 States=14/0/0 DX=0/0/0 QSL's=5

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>
Subject: [18311] Re: AL7FS - 2300Z - Correction
Message-ID: <33628DC7.7FAD@alaska.net>

Argh!! I meant 20 meters. Sorry. Jim

Jim (AL7FS) and Nancy (KL7NY) Larsen wrote:
>
> There are only two stations on 40 mtr CW just now. One QRO station down
> low and K7SY/QRP. That's it!
>
> KV9X would not talk to me (I felt an urge to raise power....but
> contained myself). Good signal at least by today's standards. The 339
> reports I was giving were very generous. Bad QSB, felt like I was on
> EME again.
>
> Thanks, all. 73.
> --
> Jim Larsen
> Acupressure Anchorage
> AL7FS   ex-WA0LPK / KL7
> Anchorage, Alaska

--
Jim Larsen
Acupressure Anchorage
AL7FS   ex-WA0LPK / KL7
Anchorage, Alaska

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [18317] Re: AL7FS- 2040Z
Message-ID: <Pine.SOL.3.91.970426212337.25817A-100000@hyper>

On Sat, 26 Apr 1997, Jim (AL7FS) and Nancy (KL7NY) Larsen wrote:

> I am beginning to suspect that nobody turns the beam toward Alaska. I
>
But I've been calling you for hours! :-)

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net
http://www.shadow.net/~n4bp/n4bp.htm

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Kevin F. Glynn" <KFGlynn@prodigy.net>
Subject: [18329] Re: AL7FS- 2040Z
Message-ID: <199704270331.XAA35752@mail1y-int.prodigy.net>

Hi Bob and gang,

It's amazing to me how I always seem so use Bob N4BP's great signal as a
beacon or sorts to the south. Today it came in handy once agn on 20M.

72 Kevin N2TO

> From: Bob Patten <n4bp@shadow.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Re: AL7FS- 2040Z
> Date: Saturday, April 26, 1997 9:24 PM
>
> On Sat, 26 Apr 1997, Jim (AL7FS) and Nancy (KL7NY) Larsen wrote:
>
> > I am beginning to suspect that nobody turns the beam toward Alaska. I
> >
> But I've been calling you for hours! :-)
>
> Bob Patten, N4BP
> Plantation, FL
> n4bp@shadow.net
> http://www.shadow.net/~n4bp/n4bp.htm
>

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [18348] Re: AL7FS- 2040Z
Message-ID: <Pine.SOL.3.91.970427053709.1707E-100000@hyper>

On Sat, 26 Apr 1997, Kevin F. Glynn wrote:

> It's amazing to me how I always seem so use Bob N4BP's great signal as a
> beacon or sorts to the south. Today it came in handy once agn on 20M.
>
Jeez, even with one watt, I did my come-to-be-expected Alligator act.
Thunderstorms all through the contest period and rain static over S9 for
most of it. I really did clean the wax out of my ears, loosened up the
filters, tuned around, etc.!

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net
http://www.shadow.net/~n4bp/n4bp.htm

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bill Myers <bjmyers@arc.net>
Subject: [18376] Re: hats, callsigns...
Message-ID: <1.5.4.16.19970427131109.1c27749c@mail.arc.net>

At 10:26 AM 4/27/97 -0600, ED WELCH wrote:
>-> Marty, if you can get something like this at a reasonable price, I'm
>-> sure there would be a bunch of us that would go for it. Would the
>-> inclusion of the call on the back increase the price for setup?
>-> Usually, the setup applies to a run, but with individual call signs
>-> the cost per hat might be excessive. Why not feel them out and see
>-> what could be done. I know I'd be interested.
>
>A thought is to get in touch with a local "imprint" shop and ask'em how
>much it'd cost to get your call put on the back of a club hat that you
>got. They know they don't have the "club" caps, but at least they'd
>get a couple of bucks for the embrodery. I wouldn't mention a "group
>purchase" to them or anything, just let'em think you want to
>personalize a cap you've already got. :) Just a thought.

Another thought would be to contact Rick, NV5A, aka The SignMan. He makes
"speciality" items and his wife does hats. Visit their webpage at
http://www.thesignman.com/.

I, and many of the organizations I belong to, have used Rick in the past
with excellent prices and service.

Normal disclaimer applies...

72/73

--
Bill Myers   KK4KF   Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail   P. O. Box 178 Shalimar, FL 32579
e-mail   <bjmyers@arc.net>
homepage http://www.nfds.net/~bmyers/
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
http://n9nvv.qrp.com/~fists (That's N 9 N V V)

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [18377] Re: hats, callsigns...
Message-ID: <33659887.186362000@smtp.usit.net>

On Sun, 27 Apr 1997 13:13:48 -0500, Bill Myers <bjmyers@arc.net>
wrote:

>At 10:26 AM 4/27/97 -0600, ED WELCH wrote:
>>-> Marty, if you can get something like this at a reasonable price, I'm
>>-> sure there would be a bunch of us that would go for it. Would the
>>-> inclusion of the call on the back increase the price for setup?
>>-> Usually, the setup applies to a run, but with individual call signs
>>-> the cost per hat might be excessive. Why not feel them out and see
>>-> what could be done. I know I'd be interested.
>>
>>A thought is to get in touch with a local "imprint" shop and ask'em how
>>much it'd cost to get your call put on the back of a club hat that you
>>got. They know they don't have the "club" caps, but at least they'd
>>get a couple of bucks for the embrodery. I wouldn't mention a "group
>>purchase" to them or anything, just let'em think you want to
>>personalize a cap you've already got. :) Just a thought.
>
>Another thought would be to contact Rick, NV5A, aka The SignMan. He =
makes
>"speciality" items and his wife does hats. Visit their webpage at
>http://www.thesignman.com/.
>
>I, and many of the organizations I belong to, have used Rick in the past
>with excellent prices and service.

An excellent idea -- this guy, and his wife, are obsessed with
quality! I have a couple of ARRL badges from them, they were the

only vendor I found that would do them right (official badges, that
is!)

I'll contact them and see what may be available.

... Or what might be in their interest to *make* available!

72 es 73 de=20
Marty, KM7W
____
Jackson, Tennessee   e-mail: mdwatt@usit.net
                                  http://www.public.usit.net/mdwatt
                                             "The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~~

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [18385] Re: Keyer vs Bug

>From: dearly@cocc.edu (Daniel K. Early)
>I have always used a straight key and inherited a Vibroplex bug. I
>notice most qrpers use keyers. I would like to move up or over to one
>or the other. My question is what are the advantages vs disadvantages
>of bug vs keyer. Opinions? Dan WA6IRO

Hi Dan, IMHO, if it's not sent with a straight key, it is just another
form of machine encoded digital and cannot be called real CW. Well, you
did ask for opinions. :-)

73, Cecil, W6RCA, OOTC

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Steve Hideg <Steve.Hideg.1@nd.edu>
Subject: [18387] Re: Keyer vs Bug
Message-ID: <v03020901af895ac92dcf@[129.74.35.26]>

At 12:22 PM -0700 4/27/97, Cecil A Moore wrote:
>IMHO, if it's not sent with a straight key, it is just another
>form of machine encoded digital and cannot be called real CW. Well, you
>did ask for opinions. :-)
~~~~~~

>
>73, Cecil, W6RCA, OOTC

Be careful with your terminology. Keys and keyers are used to send Morse code (or any other code you wish to define or use). All these devices do is simply close a switch contact at controlled times and rates. The switch closure could be used for keying a transmitter, turning on an audio oscillator, turning on a light, sending current to a buzzer, etc. (I've often thought of adding a keyer jack to my car's horn so I can send Morse code with it. :-)

CW stands for "continuous wave", and is merely a mode of transmission of any type of code you wish to use with it. When a CW transmitter is turned on (or keyed), it emits a continuous wave (usually/hopefully a sine wave) at the frequency it is tuned to. The way the transmitter is turned on and off is determined by the coding scheme you choose to use. Most CW-using hams have agreed to use the International Morse Code.

:-)

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: James Parsons <k5rov1@worldnet.att.net>
Subject: [18391] RE: Keyer Vs Bug
Message-ID: <3363B5EA.750B@worldnet.att.net>

>
> At 12:22 PM -0700 4/27/97, Cecil A Moore wrote:
> >IMHO, if it's not sent with a straight key, it is just another
> >form of machine encoded digital and cannot be called real CW. Well, you
> >did ask for opinions. :-)
> >
> >73, Cecil, W6RCA, OOTC

Good gosh, after 56 years of using a bug, and keyers, I thought I was a CW operator. After all this time I find I have been just a "machine encoded digitial" device operator. I sure didn't know that! I guess ole McElroy (was that his name?), the world record holder for copying CW, who, I am told used a bug, was just a MEDD operator also.

I have not used a "straight key" since 1939. To tell the truth, I can
hardly even use a bug anymore. But, even with bad arthritis, I can still
use the keyer. Worse yet, sometimes I even use a keyboard (blush!).
Well, regardless, I shall continue to consider myself a CW operator,
although I may be the only one who thinks so...Hi.

73...

--
James (Jim), Parsons, K5ROV USAF, Ret.
k5rov1@worldnet.att.net
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

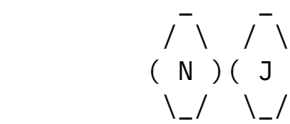
From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: n4js@amsat.org (John, Sielke)
Subject: [18396] Re: Keyer Vs Bug
Message-ID: <3365ba59.4319763@pop3.cyberenet.net>

On Sun, 27 Apr 1997 15:24:10 -0500, you typed:

>>=20
>> At 12:22 PM -0700 4/27/97, Cecil A Moore wrote:
>> >IMHO, if it's not sent with a straight key, it is just another
>> >form of machine encoded digital and cannot be called real CW. Well, =
you
>> >did ask for opinions. :-)
>> >
>> >73, Cecil, W6RCA, OOTC
>
>Good gosh, after 56 years of using a bug, and keyers, I thought I was a
>CW operator. After all this time I find I have been just a "machine
>encoded digitial" device operator.=20

Don't worry, you are a CW operator.

There are CW ops, and SSB ops, and Digital ops, and in all groups
there are pompous ops, whose way, in their eyes is the ONLY way.=20
=20
John L Sielke=20
njbirdman@pobox.com
zygodactyl@bigfoot.com
jsielke@cyberenet.net



                                                jsielke@usa.net
    http://www.pobox.com/~njbirdman   njbirdman@hotmail.com
                    "Why yes, I have some Grey poop on."

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [18402] Re: Keyer vs Bug
Message-ID: <19970427.221333.5223.0.k5zty@juno.com>

John and all,

Re: the scratchy sound of your BUG. It is caused by the contact bouncing after contact. There is a cure for that in the Sept. '92 QST Hints and Kinks on page 87.
It is an electronic "de bouncer". It is a pulse stretcher that turns on and ignores any bounces that occur within 10 milliseconds after initial contact. It is one 4011 CMOS
nand chip and an IRF511 plus a couple of resistors and caps.
It might allow you to use your dad's Bug and enjoy it.
72,
Bill, K5ZTY
k5zty@juno.com
WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [18404] Re: Keyer vs. Bug
Message-ID: <19970427.184140.7791.0.wb2vuo@juno.com>

Gee! I am REALLYsorry that I am NOT a REAL CW op, but only an Amateur of some sort.

Come to think about it, I believe that my license says something about Amateur Radio on it also.

Oh well... I will keep runnig the straight key when the arthritis allows, the keyer when I so desire, and the keyboard when all other options are not available to me...

Where's the problem? I don't see one...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP

Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, KB2YTW/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [18381] Re: Nested Half-Squares? A Dwg of sorts...
Message-ID: <19970427185446.AAA7622@LOCALNAME>

Yup... you've got it. I use 1" wide strips of 1/4" thick Lucite, drilled at spaces sufficient to provide 6" - 8" spacing between the elements. The Big spacer holding all the wires at left is one piece @ 45 deg. The actual feed-point corner is a drilled 6"/side triangle that necks all the wires down to RG/8-X coax feed. I put a bead balun there to keep the line clean. Will replace 15m with 12m just to get rid of the 40m interaction. Real pain to juggle lengths to resonate properly BUT WORKS LIKE A *QUIET* DREAM!

I've got an article in the works but no time to finish it at present. Need help w/artwork, too.

VVVV

>
>VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV
"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bill Todd <bill@techline.com>
Subject: [18341] Re: NOT QRP-Kenwood rigs Info....not!
Message-ID: <1.5.4.32.19970427060827.006aa424@mail.techline.com>

At 09:25 PM 4/26/97 -0700, you wrote:
>
>Hi Bill,
>
>Give them a call on Monday. It is hard to find any info on any mfg's gear
>that is outof production. Obviously, the rig that you have is the
>european version.
>
>Kory

I will give it a try. This particular radio was reviewed in the September
1981 issue of QST (according to the QST product review search on the ARRL
Web Page).
This rig is so old, that perhaps the rig ONLY came with coverage on the
lower 2 Megs. I came across an old ICOM 2 meter rig one time that also was
limited to the bottom 2 Megs of 2 meters.

* Anyone on the list happen to have the Sept 81 QST? If so, what does it say
* about this particular rig?

Thanks - Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bill Todd <bill@techline.com>
Subject: [18363] Re: NOT QRP-Kenwood rigs Info....not!
Message-ID: <1.5.4.32.19970427163504.006ae51c@mail.techline.com>

At 08:35 AM 4/27/97 -0700, you wrote:
>Bill,

Could you, perhaps, have a European model? Look at the name plate -- Kenwood,
>I think, identified those radios with an "E" suffix -- ie, TR7800E.
>Does the radio have an FCC ID plate?
>
>73,
>
>Bruce

Hi Bruce - No....it's the American version. But the QST review of this radio was back in 1981. Perhaps the age of the radio puts it in that bottom 2 megs (only) status of the earlier 2 meter Japaneese radios that hit the US market.
Beats me.

CUL, Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bill Todd <bill@techline.com>
Subject: [18365] Re: NOT QRP-Kenwood rigs Info....not!
Message-ID: <1.5.4.32.19970427163857.006ace00@mail.techline.com>

At 10:34 AM 4/27/97 -0400, you wrote:
>Bill
>
>Gary W7FG has manuals (old friend from the Navy). Say AL K0FRP and u still
>won't get a discount !!! The operators manual is $16 the service manual is
>$19, probably more than u paid for the rig.

>Al K0FRP

Hello Mr. "BIG" signal (hi). As a matter of fact, I got the rig for free. My friends dad owned this radio, but stuck it in the trunk of his car, and left it there for 4 years!!! When I got it, the dial would not light up at all.

I just opened it up, and cleaned it, disconnected and then reconnected the "Molex" connectors, and it worked just fine from then on. I have decided to use it for a packet rig only, and most of the packet nodes are at the high end of 144 or low end of 145...so it's not a problem.

CUL, Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bill Todd <bill@techline.com>
Subject: [18366] Re: NOT QRP-Kenwood rigs Info....not!
Message-ID: <1.5.4.32.19970427164638.006a69a0@mail.techline.com>

Thank you Keith for ALL the information.

The nameplate of this radio does not indicate that it was the European version (which some on the list have suggested). Perhaps there is a simple jumper cable that I could cut to get this thing on full scale.

I will call Kenwood on Monday and talk with a Tech who might have a simple solution to the matter.

BTW - Do you happen to have a Sept 1981 copy of QST in your shack? There was a review of the rig in that issue (I understand). This rig has high and low power settings...but I expect that "high" power back then was something like only 5 watts.

CUL, Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Jim Gantner" <jgantner@ix.netcom.com>
Subject: [18380] Re: NOT QRP-Kenwood rigs Info....not!
Message-ID: <199704271844.NAA14471@dfw-ix8.ix.netcom.com>

> BTW - Do you happen to have a Sept 1981 copy of QST in your shack? There
> was a review of the rig in that issue (I understand). This rig has high
and
> low power settings...but I expect that "high" power back then was
something
> like only 5 watts.
>
> CUL, Bill-N7MFB
>
>
Bill

I just happen to have that issue!
The TR7800 should be putting out 35W high power; the low power setting is 5W and is adjustable.

Give me your address and I'll send you a copy of the article.

Jim
K4GT

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bernie Doehner <bad@uhf.wireless.net>
Subject: [18371] Re: QRP antenna for Mexico
Message-ID: <Pine.BSF.3.95.970427131515.20206A-100000@uhf.wdc.net>

Hi Dan:

What part of Mexico City? I used to live in Tepepan (near Xochimilco).

> In Mexico I hope to be using a Norcal40A which I believe is set for the low
> end of 40 M. In Mexico City I hope to set an antenna on the roof of a three
> story appartment building. I should be able to erect two masts about 70
> feet or so appart to hang a dipole. I don't want to erect something that is
> too intrusive. Is the dipole the best option? My questions are: ideally how
> high off the roof should it be. Is the roof considered "ground" or the

As high as possible :) Is the building made out of steal/metal siding?

> actual ground below the roof? What type of coax would be best and what
> would be good sources of the coax? What type of wire and how long? Balun or
> no balun? Also what would be good for the masts. I remember reading of
> someone using pvc. This is easily available in Mexico City as well as metal
> tv masts. I am also assuming that if I take my small swr meter and cut it
> right I could leave the tuner behind Si? I will also take all of this
> except the masts, on the plane with my luggage so portabillity is a
> concern. Suggestions??
> Dan WA6IRO
>

Before you go the dipole route, consider a Jpole (end fed 1/2 wave).
It has the advantage that you don't have coax hanging from the centre. You
can snake the coax up one of the poles even. Or if there is not too much
metal in the building structure/roof, you could have the feed point
at/near roof level and have the wire slope up to your support mast (40-60'
away depending on slope angle).

As soon as I fully recuperate from my chickenpox I am getting ready to
build another set of Jpoles.

Also, same third harmonic operation as you have with dipoles. So if you built it for 40 Meters, it will also work on 15.

73 and gl.

Bernie

P.S. I'd be interested in hearing how you make out with customs at the airport.

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: ka7you@juno.com
Subject: [18372] Re: QRP antenna for Mexico
Message-ID: <19970427.093404.2431.10.KA7YOU@juno.com>

Dan,
    Some questions, how are you planning to hold up any masts? Are you going to be there very long? The most portable part is the wallet. You can buy almost anything you need there, but I wonder if you have been to this spot before?
    Eight concrete building blocks (four per mast) would make a good temporary installation. Set the mast in one, and tie the guys to the other three (actually you could get by with just two guys-the antenna would act as the other one.
    Ten foot lengths of PVC pipe or conduit would be sufficient. Much higher, and the blocks might want to move with any wind, but you could try 20 feet if you wanted. It might require an intermediate guy at ten feet or so with PVC.
     Depending upon the location of your operating position, you might be better off with an end-fed one-half wavelength wire and something like a Rainbow tuner. If access to the middle of the antenna is reasonably close then go ahead and use the dipole. Like you said, you won't need a tuner.
     I hope you have a good time there.
    7 3,

Rod Johnson KA7YOU from CN97AK near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)
 NWQRP#120 ARCI#7251 QRP-L#844
Ask me about producing Three-Wheeled Golf Carts by the hundred--as a hobby??

On Sun, 27 Apr 1997 01:10:07 -0800 dearly@cocc.edu (Daniel K. Early)
writes:
>In Mexico I hope to be using a Norcal40A which I believe is set for
>the low
>end of 40 M. In Mexico City I hope to set an antenna on the roof of a
>three
>story appartment building. I should be able to erect two masts about
>70
>feet or so appart to hang a dipole. I don't want to erect something
>that is
>too intrusive. Is the dipole the best option? My questions are:
>ideally how
>high off the roof should it be. Is the roof considered "ground" or the
>actual ground below the roof? What type of coax would be best and what
>would be good sources of the coax? What type of wire and how long?
>Balun or
>no balun? Also what would be good for the masts. I remember reading of
>someone using pvc. This is easily available in Mexico City as well as
>metal
>tv masts. I am also assuming that if I take my small swr meter and cut
>it
>right I could leave the tuner behind Si? I will also take all of this
>except the masts, on the plane with my luggage so portabillity is a
>concern. Suggestions??
>Dan WA6IRO
>
>
>
>

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [18312] Re: QRPp March issue
Message-ID: <3.0.1.16.19970426160354.34bfee6e@mail.lightside.com>

Hey guys..it's a *quarterly*. The last was a December issue. It's a 2 man
operation at most. Patience.

72/73
Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: DM84wc

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Wayneb1103@aol.com
Subject: [18322] Re: QRPp March issue
Message-ID: <970426221914_515738972@emout07.mail.aol.com>

In a message dated 97-04-26 19:35:00 EDT, you write:

<< Hey guys..it's a *quarterly*. The last was a December issue. It's a 2 man
 operation at most. Patience.

 Dan,

I am aware that it is a quarterly and was simply poking a little fun as I anxiously await the arrival of the current issue. It is an unfortunate but yet another example that brevity of the written word, no matter how astute, does not always convey the intended meaning to all readers. I guess I needed a smiley.   :)

73's

Wayne   WB7WHI
Spokane, Wa.

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
Subject: [18346] Re: QRPp March issue
Message-ID: <eCuHZDA1SnYzEwGB@stevef.demon.co.uk>

In article <199704261312.JAA131145@nss2.CC.Lehigh.EDU>, michael kuehn
<mkuehn@iquest.net> writes
>Can any one tell me if the March issue of QRPp 1997 has been sent out
>yet? If so how long? Maybe mine fell into the crack someplace. I need
>to contact who?? for a replacement issue.
>
>Tnx Mike W9KY ex WD9AJY
>
>
I have not had my copy yet here in England.
--
Stephen John Farthing MBCS G0XAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: DYARNES@aol.com
Subject: [18340] Re: QRPTTF
Message-ID: <970427015326_-434107884@emout02.mail.aol.com>

Hi gang,

It was a GREAT day here in southern Arizona. I had too many errands to run for a big family get-together tomorrow, so no exotic overnight trips to the wilds.

My location? My portable picnic table (plus umbrella), my OHR Classic (decided to give this one a workout for a change), my SLV modified ala W6MMA, and I set up in a nice shady grove of BIG (30-40 feet high) mesquite trees at 32.244 degrees North L., 110.726 degrees west. It was super! A nice breeze blowing most of the afternoon (didn't get going until about noon local), and cool temperatures but lots of sun. Also mucho wildlife (lots of "critters" plus an amazing number of different birds including a hummingbird with two babies in a nest about 10 feet away). Damn near ideal! Sorry to hear so much of the country had marginal to bad weather.

Didn't set any records--just made some QSO's on 40m. Worked the Area 51 crew--not sure who (Ron maybe?), but it wasn't Doug cuz he was on 20m SSB I was told.

Let's do this again!

72 de David W7AQK

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [18347] Re: QRPTTF - My results at 950mw!
Message-ID: <Pine.SOL.3.91.970427052335.1707B-100000@hyper>

On Sat, 26 Apr 1997, Randy Hargenrader wrote:

> One neat thing - I worked HP1AC (Panama) on both 20 and 40 mtrs.
> --
This guy is sharp! He was also my only two band QSO.

Bob Patten, N4BP

Plantation, FL
n4bp@shadow.net
http://www.shadow.net/~n4bp/n4bp.htm

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [18349] Re: QRPTTF-Jack London's Wolf House
Message-ID: <Pine.SOL.3.91.970427054107.1707F-100000@hyper>

On Sun, 27 Apr 1997 WD6BOR@aol.com wrote:

> It was a brief operation since we were up between 3:00 and 4:00 am to put on
Neat place! I was up there a few years ago. Did you visit the Glenn
Ellen Winery on the way up or on the way back? :-)

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net
http://www.shadow.net/~n4bp/n4bp.htm

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: "Kevin F. Glynn" <KFGlynn@prodigy.net>
Subject: [18368] Re: QTTF SSB
Message-ID: <199704271652.MAA51848@mail1y-int.prodigy.net>

Hi Gang,

I checked 14285 a few times during the day, but did not hear any QRPers.
Did work the UN 4U1UN, but hey, they're in Manhattan, now that must be a
VERY WEIRD place to operate. Also worked N4GZ From St George Island, NA
085 in FL.

72 Kevin N2TO

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: [18338] Re: RTV Electrical Safe...Permatex
Message-ID: <3.0.1.32.19970427014643.009839a0@mail.atl.bellsouth.net>

As far as I am concerned-being the one who brought up the brand in the

first place-the type below is **** THE ONLY **** type to use!!! I know what the other types say, and they sound OK... but I KNOW this type is OK. Nice job Ed.

>When I browsed the small parts store in our town I didn't see one that
>stated the above (doesn't suprise me the variety of items around here
>are limited). What I did find, though, was Permatex "Sensor Safe" ULTRA
>COPPER, which among other things states "Won't harm oxygen sensors" and
>"Non-corrosive". FWIW.
>
>72/73
>Ed Welch KF4KRV
>NorCal Member #???
>1st Grand Poobah ScQRPion of Alabama
>QRP-L #873 - FISTS #2964
>Luverne, Alabama
>Crenshaw County - Grid EM61
>   +--+
>----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
>   +--+
>
>   >   Isn't "time" a 4-letter word?   <
>
>
72/73

____
Ed Tanton   N4XY   EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466   TEL: (770)579-3933 V/MBX/FAX
____
QRP-ARCI #7663   G-QRP #6779   OK-QRP #172   QRP-L #758
AdvRC #140   NORCAL #1779   NCDXF   SEDXC

Life Member: ARRL   AMSAT   INDEXA   QCWA
____

INTERESTS: DX   QRP   BoatAnchors Test Equipment Photography
     CW: 99.9%   QRP: 95-100% (Mood swings!)
~~~~~~
"Think you can, think you can't: either way you're right!"   Henry Ford
~~~~~~

From owner-qrp-l@Lehigh.EDU Sun Apr 27 18:04:01 1997
From: george fremin iii <geoiii@bga.com>
Subject: [18352] Re: Tower List/Newsgroup?
Message-ID: <199704271312.IAA04973@zoom.bga.com>

Dave Fifield writes:
>Gang,
>
>Sometime back I recall there was someone looking for information on
>towers. He was pointed to a tower email list or newsgroup or something.
>Please could someone point me in that direction too (again)?

Sure, it is a great group and there is a web archive too.

FAQ on WWW:	http://www.contesting.com/towertalkfaq.html
Submissions:	towertalk@contesting.com
Administrative requests:	towertalk-REQUEST@contesting.com
Problems:	owner-towertalk@contesting.com

--

George Fremin III
Austin, Texas C.K.U.
K5TR
512/416-7010
geoiii@bga.com

"I'm on a mexican radio"
- Wall of Voodoo